Declassified E.O. 12356 Section 3.3/NND No. 785017

ACC

10000/109/747
(VOL. I)

AFL
AUG

Declassified E.O. 12356 Section 3.3/NND No. 785017

10000/109/747
(VOL. I)

AFLR(I)B, ENGINEERING MATERIALS COM'TEE
AUG. 1944 - MAR. 1945

Declassified E.O. 12356 Section 3.3/NND No. 785017

71.

TO: C S O

To note agenda (folio 70) especially items 8 and 9 (new items).

Note folios 2, 21 and 42 and 46. The AC has no rep. attending the Ind. Gases Sub Com of Engr. Mat. Com of APLIA.

seen by CSO 30/12

30 Dec 44.

Major Rively

72.

TO: C S O

Supply of caustic soda has been allocated to military for oxygen production and Bitumen use; leaving no balance at present for soap manufacture or olive oil extraction (para 44 of p. 73)

Recommend that this need be made apparent at next meeting 12 Feb 45.

Also see para 51 p. 72: APLIA Board decided that cement be made a restricted item, except when found in army areas or when produced in factories under Allied Armed Forces control. Also see para 5c.

5 Jan 45

Major Rively

73.

TO: Major Rively

Please follow up on above re para 45.

6 Jan 45

Major Talbot

77

CSO: for COS to see, 76 for concurrence & acknowledgment. JCR 13/1

79

2132

for

Recommend that this need be made apparent at next meeting 12 Feb 45.

Also see para 51 p. 72: ANZAC Board decided that cement be made a restricted item, except when found in army areas or when produced in factories under Allied Armed forces control. Also see para 32.

5 Jan 45

Major Rively

75.

TO: Major Rively

Please follow up on above re para 45.

6 Jan 45

Major Talbot

77

CSO: for COS to see[76] for concurrence & acknowledgment. JCR 13/1

79

2132

COS

Letter in reply to 76 Submitted for Signature.

JCR 13/1

92.

CSO: 1) to note item 4 on agenda of next meeting (folio 91) refers to minute 74 + 75.
2) Of interest to note availabilities of Lead (folio 88); Soda Ash + Caustic Soda (folio 93).

JCR 21/1

95

CSO: to note para. 56, 58, 62 and 66 of Minutes (folios 93-94) for information.

JCR 23/2.

JCR 21/2

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COPY NO. 35

ALLIED FORCE LOCAL RESOURCES SECTION
AFHQ

Postal Address:
AFLRS (RAAC), APO 512

Telephone: ROME 66063

5 March 1945.

MAR 6 1945

IRS/212A

SUBJECT: Linseed.

TO : See distribution.

1. Further to the availabilities circulated under even reference with the Agenda for the Engineering Materials Committee on 14 March 1945, please add the following to Appendix "B", page 6:

Linseed 3,390.48 Qls.

Located at, and under the control of, Consorzio - Agraric Provinciale in the following Provinces:

Bari	724.86	Qls.
Trapani	1,590.	"
Siena	87.62	"
Grosseto	319.56	"
Livorno	356.70	"
Potenza	311.74	"

JOHN T. WHITTAKER, Major, INF,
Secretary,
A. F. L. R. (ITALIAN) BOARD.

DISTRIBUTION:
As per Agenda Engr. Materials Committee.

2137

4008 Ltr Ex Commissions

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ALLIED FORCE LOCAL RESOURCES SECTION
A.F.L.R.S.

AFLRS (RA.C), APO 512

Telephone: ROLE 66083

4 March 1945

LRS/212A

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

MAR 5 1945

ENGINEERING MATERIALS COMMITTEE - AGENDA.

The twentieth meeting of the Engineering Materials Committee will be held at 0930 hrs. on Wednesday 14 March 1945 in the AFLRS Conference Room, 2nd Floor, 66 Piazza dell Esedra, ROME, to consider the following Agenda:

1. Minutes of the nineteenth meeting held on 12 Feb 1945.

2. To consider any matters arising out of the meeting of the Board held on 3 March 1945.

3. To receive from the Director Engineer Production & Stores, AFHQ the estimated production in tons of plate, sections and sheet from steel mills operating under his control for the month of April 1945.

4. To receive from AFLRS (AFHQ) the consolidated requirements of all Services and AC for steel production from the above plants for the month of April. (The attention of demanding Services is drawn to minute 59 of the last meeting).

5. To receive from all controlling Services including AC, the estimated production of nails and paint throughout liberated Italy for the month of April and to make allocations between all interested services.

6. To receive from Hq AC a report on the estimated production of Ammonia Gas from the Nera Monterro plant and to make allocation against the needs of all interested services including AC.

7. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix "A") and to release any remaining balances to AC.

8. To make allocations against reported availabilities of con-

Declassified E.O. 12356 Section 3.3/NND No. 785017

1. Minutes of the nineteenth meeting held on 12 Feb 1945.

2. To consider any matters arising out of the meeting of the Board held on 3 March 1945.

3. To receive from the Director Engineer Production & Stores, AFHQ the estimated production in tons of plate, sections and sheet from steel mills operating under his control for the month of April 1945.

4. To receive from AFLRS (AFHQ) the consolidated requirements of all Services and AC for steel production from the above plants for the month of April. (The attention of demanding Services is drawn to minute 59 of the last meeting).

5. To receive from all controlling Services including AC, the estimated production of nails and paint throughout liberated Italy for the month of April and to make allocations between all interested services.

6. To receive from Hq AC a report on the estimated production of Ammonia Gas from the Nera Montorro plant and to make allocation against the needs of all interested services including AC.

7. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix "A") and to release any remaining balances to AC.

8. To make allocations against reported availabilities of controlled items (Appendix "B").

9. To receive the minutes of the Industrial Gases Sub-Committee meeting of the 17 Feb 1945 (Appendix "C").

10. To receive a request from Hq AC for consideration of the removal of dry batteries (cells) from the list of controlled materials.

11. To receive a request from Hq AC for membership on the Industrial Gases Sub-Committee.

12. Any other business.

13. To set a date for the next meeting.

JOHN T. WHITTAKER, Major INF
Secretary
A. F. L. R. (ITALIAN) BOARD.

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15/16	G-4 (B), AFHQ (Spares)
17/18	G-5, AFHQ
19	Q (MAINT), AFHQ
20	Q (AD), AFHQ
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22	MGRS, AFHQ
23	Signal Section (A), AFHQ
24	Signals (Br), AFHQ
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31	DME, AFHQ
32/33	DME, Italy
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35	PA, AFHQ
36	CG, MTOUSA
37	GPA, MTOUSA
38	HQ, AC
39	Vice-President, Economic Section, AC
40/45	Economic Section, AC
46	Industry Sub-Commission, AC
47	Air Forces Sub-Commission, AC
48/53	Italian Air Ministry
54/56	Air Forces Sub-Commission, NAPLES
57/59	Sezione delle Costrizione Aeronautica della Campania, NAPLES
60	RN (FOTAI)
61	RN (FOTAI) RGMZ
62/63	RN (FONAM)
64	CS, TARANTO
65	NOIC, LEGHORN
66/68	Comdr. U.S. EIGHTH Fleet
69	SEMIDUSNO, Italy
70	MAAF (A)
71	MAAF (B)
72/73	Director of Eng. Prod. & Stores, AFHQ
74/75	AAFSC/MTO
76/81	HQ 214 Gp. RAF
82	PA., RAF
83/87	CG, Rome Area Allied Command
88/90	CE, PBS
91/92	QM, PBS
93/94	BP., Penbase
95	BP., Penbase South
96/97	HQ, Adriatic Depot
98	Ord PBS

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36	CG, MTOUSA
37	GPA, MTOUSA
38	HQ, AC
39	Vice-President, Economic Section, AC
40/45	Economic Section, AC.
46	Industry Sub-Commission, AC
47	Air Forces Sub-Commission, AC
48/53	Italian Air Ministry
54/56	Air Forces Sub-Commission, NAFLIS
57/59	Sezione delle Costruzioni Aeronautiche della Campania, NAFLIS
60	RN (FOTLLI)
61	RN (FOTLLI) RGMB
62/63	RN (FONLM)
64	CS, TAFNTO
65	NOIC, LEGHORN
66/68	Comdr. U.S. EIGHTH Fleet
69	SENJUSNO, Italy
70	MAAF (A)
71	MAAF (B)
72/73	Director of Erg. Prod. & Stores, AFHQ
74/75	AAFSC/MTO
76/81	HQ 214 Gp. RAF
82	FA, RAF
83/87	CG, Rome Area Allied Command
88/90	CE, PBS
91/92	QM, PBS
93/94	BPA., Penbase
95	BPA., Penbase South
96/97	HQ, Adriatic Depot
98	Ord PBS
99	Sig, PBS
100/101	ADOS (P) DDOS L of C
102	DDOS, L of C, CMF
103	CE, MTOUSA
104	QM, Penbase South
105	CE, Penbase South
106/114	AFLRS, Adv. Sch.
115	AFLRS Naples Area
116	AFLRS S.E. Area
117	AFLRS Sicilian Area
118	AFLRS, AFHQ (C.S.M.E.)
119	C-in-C Med Rep, ROME
120	Chairman, Engineering Materials Committee
121	NOIC, Naples
122	NOIC, Ancona
123	The Flag Officer, Taranto, Adriatic & Liaison Italy for the Asst. Naval Store Officer.
124	Senior Naval Officer, Eastern SICILY
125/128	War Diary
129	File
130/170	Spares

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APPENDIX "A"

UNALLOCATED BALANCE OF MATERIALS FROM MEETING OF 12 FEBRUARY 1945

At GOMME SINTETICA, Terni, under control of Director of Engineering Production and Stores, AFHQ.

Aluminium cable, 33 strand	2 Drums
Aluminium cable, 19 strand	1 Drum

At CONSORZIO AGRARIO PROVINCIALE, Bibbiena, under control of AC.

Wire, iron, in skeins, diameter of 3 mm, twisted in pairs	46 Qls.

At NOBEL WORKS, Pratola, under control of AC.

Pig iron bars 230 x 340	200 Kgs.
Pig iron Portcullis 300 mm	4 Pcs.
Pig iron Portcullis 400 mm	1 Pc.

At AZIENDA MUNICIPALIZZATA DEL GAS, Ancona, under control of AMG, 5th Army.

Lead piping, various diameters	30 Qls.

At SOLVAY WORKS, Rossignano, under control of AC.

Soda Ash	364 Tons

THE FOLLOWING AVAILABILITIES OF CONTROLLED MATERIALS ARE REPORTED

CONTROLLED FERROUS MATERIALS

At ILVA, S. GIOVANNI, Valdarno, under control of AC.

Galvanized iron wire, No.	10 gauge	(mm. 1.5)	80 Kgs.
	13 "	mm. 2	100 "
	17 "	mm. 3	1,404 "
	19 "	mm. 3.9	105 "
	21 "	mm. 4.9	103 "
Drawn wire (counterdrawn), gauge No.	7,	m/m 1.2	500 "
	12	" 1.8	800 "
	13	" 2.	7,024 "
	14	" 2.2	15,020 "
	16	" 2.7	6,500 "
	17	" 3.	5,500 "
	18	" 3.4	4,488 "
	19	" 3.9	19,745 "
	21	" 4.9	41,933 "
	24	" 6.4	500 "
Iron wire, soft, Gauge No.	1, 0.6 m/m		1,000 "
	5, 1.0 "		4,385 "
	10, 1.5 "		295 "
	11, 1.6 "		2,962 "
	12, 1.8 "		2,747 "
	13, 2. "		6,927 "
	14, 2.2 "		7,743 "
	15, 2.4 "		2,045 "
	16, 2.7 "		5,790 "
	17, 3. "		4,184 "
	19, 3.9 "		3,021 "
	21, 4.9 "		15,258 "

At SOC. ITALIANA CARBURANTI SINTETICI, Cantiere di San Giovanni Valdarno, San Giovanni Valdarno, under control of AC.

Iron wire, soft,	15/10 mm	61.6 Kgs.
" "	" , 30/10 mm	911 "
" "	, raw, 1 to 5 mm	102.1 "
" "	" , 1½ to 10 mm	94.5 "
" "	" , 2 to 13 mm	182 "
" "	" , 4 mm	2,562 "
" "	, special for welding, 20/10 mm	45.45 "
" "	" " " , 10/10 mm	47.9 "
" "	" " " , 40/10 mm	49.6 "
" "	" " " , 50/10 mm	50 "

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At CANTIERI NAVALI RIUNITI, Ancona, under control of AMG Ancona Province.

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	19	"	3.9	19,745 "
	21	"	4.9	41,933 "
	24	"	6.4	500 "
Iron wire, soft, Gauge No. 1,	0.6	m/m		1,000 "
5,	1.0	"		4,385 "
10,	1.5	"		295 "
11,	1.6	"		2,962 "
12,	1.8	"		2,747 "
13,	2.	"		6,927 "
14,	2.2	"		7,743 "
15,	2.4	"		2,045 "
16,	2.7	"		5,790 "
17,	3.	"		4,184 "
19,	3.9	"		3,021 "
21,	4.9	"		15,256 "

At SOC. ITALIANA CARBURANTI SINTETICI, Cantiere di San Giovanni Valdarno, San Giovanni Valdarno, under control of AC.

Iron wire, soft, 15/10 mm		61.6 Kgs.
" " " , 30/10 mm		911 "
" " , raw, 1 to 5 mm		102.1 "
" " " , ½ to 10 mm		94.5 "
" " " , 2 to 13 mm		182 "
" " " , 4 mm		2,562 "
" " , special for welding,	20/10 mm	45.45 "
" " " " " ,	10/10 mm	47.9 "
" " " " " ,	40/10 mm	49.6 "
" " " " " ,	50/10 mm	50 "

2127

At CANTIERI NAVALI RIUNITI, Ancona, under control of AMG Ancona Province.

Structural Steel

	Dimensions	No.
Channels - U Shaped	160 mm x 65 mm x 10000mm	4
	240 mm x 45 mm x 6000mm	80
"T's"	200 mm x 10 mm x 6000 mm	20
	180 mm x 8 mm x 7000 mm	30
Angles	200 mm x 90 mm x 10mm x 10000mm	15
	150 mm x 90 mm x 10mm x 10000mm	17
	150 mm x 80 mm x 10mm x 10000mm	16
	150 mm x 90 mm x 10mm x 4000mm	10
	150 mm x 150 mm x 18mm x 6000mm	10
Bars, flat	450 x 300 mm x 1500 mm	1
	180mm x 15 mm x 10000mm	18
	450mm x 250mm x 1500mm	1
Round Bars	150 mm x 2500 mm	1
	200 mm x 2000 mm	1

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At CANTIERI NAVALI RIUNITI, Ancona, under control of AMG Ancona Province (Cont'd).

Structural Steel (Cont'd)

	Dimensions	No.
Round bars	280 mm x 2400 mm	2
	150 mm x 2000 mm	1
	150 mm x 1500 mm	2
	230 mm x 2000 mm	1
	150 mm x 2000 mm	5
	230 mm x 1500 mm	1
	170 mm x 1500 mm	2
	200 mm x 2000 mm	1
	300 mm x 1000 mm	1
	250 mm x 1500 mm	1
	180 mm x 1500 mm	2
	160 mm x 1500 mm	7
	150 mm x 2000 mm	1
	200 mm x 1500 mm	6
	350 mm x 800 mm	1
	250 mm x 1200 mm	3
	180 mm x 2000 mm	11
"	150 mm x 2000 mm	1
"	150 mm x 2500 mm	1
"	180 mm x 1400 mm	1
"	180 mm x 1800 mm	1
Square bars	160mm x 160mm x 1500mm	13
	350mm x 350mm x 1300 mm	2
	300mm x 300mm x 1500mm	2
	280mm x 280mm x 1500mm	2
	200mm x 200mm x 1600mm	3
	200mm x 200mm x 1500mm	2
	250mm x 250mm x 2500mm	1
	150mm x 150mm x 3000mm	1
	180mm x 180mm x 1500mm	2
	200mm x 200mm x 1500mm	2
	150mm x 150mm x 1500mm	3

At CANTIERI, Via Arenula, 21, Rome, under control of Italian Government.

Tool steel 20x6/30x30 mm	400 Kgs.
Steel for leaf spring	400 "
Octagonal steel for mine drills	1,000 "
Iron wire for flowers, mm 2/10-5/10	800 "

At CONSORZIO AGRARIO, Provinciale Bibbiena, Arezzo, under control of AC.

Iron wire in skeins diam. 3 mm, twisted in pairs 46 Qls.

At ILVA ALTIFORNI E. ACCIAIERIE, Portoferraio, Elba, under control of AC.

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	200 mm x 2000 mm	1
	300 mm x 1000 mm	1
	250 mm x 1500 mm	1
	180 mm x 1500 mm	2
	160 mm x 1500 mm	7
	150 mm x 2000 mm	1
	200 mm x 1500 mm	6
	350 mm x 800 mm	1
	250 mm x 1200 mm	3
	180 mm x 2000 mm	11
	150 mm x 2000 mm	1
	150 mm x 2500 mm	1
	180 mm x 1400 mm	1
	180 mm x 1800 mm	1
Square bars	160mm x 160mm x 1500mm	13
	350mm x 350mm x 1300 mm	2
	300mm x 300mm x 1500mm	2
	280mm x 280mm x 1500mm	2
	200mm x 200mm x 1600mm	3
	200mm x 200mm x 1500mm	2
	250mm x 250mm x 2500mm	1
	150mm x 150mm x 3000mm	1
	180mm x 180mm x 1500mm	2
	200mm x 200mm x 1500mm	2
	150mm x 150mm x 1500mm	3

At CANTINI, Via Arenula, 21, Rome, under control of Italian Government.

Tool steel 20x6/30x30 mm	400 Kgs.
Steel for leaf spring	400 "
Octagonal steel for mine drills	1,000 "
Iron wire for flowers, mm 2/10-5/10	800 "

At CONSORZIO AGRARIO, Provinciale Bibbiena, Arezzo, under control of AC.

Iron wire in skeins diam. 3 mm, twisted in pairs 46 Qls.

At ILVA ALTIFORNI E. ACCIAIERIE, Portoferraio, Elba, under control of AC.

Foundry hematite pig-iron 54 Tons

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NON-FERROUS MATERIAL

At MONUMENTAL CEMETARY, Pisa, under control of AC.

Scrap Lead — ¾ Tons

At NAPLES AREA, under control of Salvage (Br).

Copper — 15 Tons
Lead — 4 "

At NOBEL WORKS, Pratola, under control of AC.

Copper Plates:

1100 x 1000 x 5/10 m/m	5 Kgs.
2000 x 1000 x 1 "	18 "
1600 x 1000 x 2 "	28 "
2000 x 1000 x 2 "	178 "
1500 x 1000 x 3 "	140 "
2000 x 1000 x 3 "	56 "

At SOC. ITALIANA CARBURANTI SINTETICI, San Giovanni Valdarno, under control of AC.

Copper Wire, 36/10 mm	279.3 Kgs.
" " 40/10 mm	211.5 "
" " 50/10 mm	452.9 "
Plates, copper, rough cm. 81 x 72, 5, 7 to 10	36,877.55 "

At DITT. Flli PORONI, Macerata, under control of AC.

Scrap Copper (non-electrolytic) — 300 Kilos

At MICHELE SCIANATICO, V. Salerno, 87, Bari, under control of Italian Gov't.

Copper cables, electrolytic	8,967 Kgs.
Copper scraps	1,700 " +

At GIUSEPPE ALFARANO, V.S. Teodoro, 40, Rome, under control of Italian Gov't.

Copper scraps — 103 Kgs.+

At INDUSTRIE ROTTAMI FERRO, Piazza Re di Rome, 17, Rome, under control of Italian Gov't.

Copper scraps — 205 Kgs.+

At SOC. ELETTRICITA', della Campania, V. Roma 25, Cammobasso, under control of Italian Gov't.

2125

Copper scraps — 828 Kgs.+

1500 x 1000 x 3 "
2000 x 1000 x 3 " 56 "

At SOC. ITALIAN. CARBURANTI SINTETICI, San Giovanni Valderno, under control of AC.

Copper Wire, 36/10 mm 279.3 Kgs.
" " 40/10 mm 211.5 "
" " 50/10 mm 452.9 "
Plates, copper, rough cm. 81 x 72, 5, 7 to 10 36,877.55 "

At DITT. Flli POLONI, Macerata, under control of AC.

Scrap Copper (non-electrolytic) 300 Kilos

At MICHELE SCIANATICO, V. Salerno, 87, Bari, under control of Italian Gov't.

Copper cables, electrolytic 8,067 Kgs.
Copper scraps 1,700 " +

At GIUSEPPE ALFARANO, V.S. Teodoro, 40, Rome, under control of Italian Gov't.

Copper scraps 103 Kgs.+

At INDUSTRIE ROTTAMI FERRO, Piazza Re di Rome, 17, Rome, under control of Italian Gov't.

Copper scraps 205 Kgs.+

At SOC. ELETTRICITA', della Campania, V. Roma 25, Campobasso, under control of Italian Gov't. 2125

Copper scraps 828 Kgs.+

At GALASSO ANTONINO (Agnone) Campobasso, under control of Italian Gov't.

Copper scraps 350 Kgs.+

At SOC. LUCANA per Imprese idroelettriche- Corso Garibaldi- Potenza, Campobasso, under control of Italian Gov't.

Copper scraps 2,160 Kgs.+

At S.A. MONTECATINI, Brindisi, under control of Italian Gov't.

Copper scraps 214 Kgs.+

At S.G. PUGLIESE di Elettricita, Brindisi, under control of Italian Gov't.

Copper scraps 168 Kgs.+

NOTE: + = for the scraps it is not possible to state if electrolytic or not.

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At LO RUSSO DOMENICO, V.P. Crispi 106, Bari, under control of Italian Gov't.

Copper Scraps 1,200 Kgs.+

At SANZIO DOM.TO, Via Brindisi, 14, Bari, under control of Italian Gov't.

Copper scraps 15 Kgs.+

NOTE: + = for the scraps it is not possible to state if electrolytic or not.

At S.A. INDUSTRI. ROTTAMI FERRO, Piazza Re di Roma, 17, Rome under control of Italian Gov't.

Lead scraps 110 Kgs.

At S. ELETTRICITA della Campania, V. Roma, 17, Rome, under control of Italian Gov't

Lead scraps 354 Kgs.

At SOC. LUC.N. per Imprese Idroelettriche - Potenza-C.so Garibaldi, Potenza, under control of Italian Gov't.

Lead scraps 120 Kgs.

At S.G. PUGLIESE di Elettricita, Brindisi, under control of Italian Gov't.

Lead scraps 88 Kgs.

At S.ESERCIZI TELEFONICI, Brindisi, under control of Italian Gov't.

Lead cable scraps 1,440 Kgs.

At CANTINI, Via Arenula, 21, Rome, under control of Italian Gov't.

Autarchic soldering alloy 200 Kgs.

At AGENZ., V. Armando Giraud - Napoli Via Cesare Cesarei, Napoli, under control of Italian Gov't.

Antifriction metal 106 Kgs.

At CONCESS. FLLI RUSSO, Via Consiglio Regina, Naples, under control of A.C.

Chromium 3 Qls.

At STATE RAILWAY DEPOT, Naples, POGGIOREALE - V. Brausan 24, Naples, under control of MGL.

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NOTE: + = for the scraps it is not possible to state if electrolytic or not.

At S.A. INDUSTRIE BOTTAI FERRO, Piazza Re di Roma, 17, Rome under control of Italian Gov't.

Lead scraps 110 Kgs.

At S. ELETTRICITA della Compania, V. Roma, 17, Rome, under control of Italian Gov't

Lead scraps 354 Kgs.

At SOC. LUCANA per Imprese Idroelettriche - Potenza-C.so Garibaldi, Potenza, under control of Italian Gov't.

Lead scraps 120 Kgs.

At S.G. PUGLIESE di Elettricita, Brindisi, under control of Italian Gov't.

Lead scraps 88 Kgs.

At S.ESERCIZI TELEFONICI, Brindisi, under control of Italian Gov't.

Lead cable scraps 1,440 Kgs.

At CANTINI, Via Arenula, 21, Rome, under control of Italian Gov't.

Autarchic soldering alloy 200 Kgs.

At ARGINI, V. Armando Giraud - Napoli Via Cesare Chiaiarol, Napoli, under control of Italian Gov't.

Antifriction metal 106 Kgs.

At CONCERI. FLLI RUSSO, Via Consiglio Regina, Naples, under control of A.C.

Chromium 3 Qls.

At STATE RAILWAY DEPOT, Naples, POGGIORAIE - V. Bausan 24, Naples, under control of MFL.

Soldering alloy 540 Kgs.

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OTHER BUILDING MATERIALS

At COLORIFICIO ERCOLI, Via delo Studio, 6, Florence, under control of AMG, 5th Army.

Finished Products:

Zinc Oxide, white pigment, various types	3,832 Kgs.
Cinnaber, vermillion pigment, various types	2,006 "
Lampblack, pigment, in packages	25 "
Ultramarine blue pigment, various types	411 "
Green zinc, a green pigment, various types (Prepared from a mixture of Zinc Chromate and Parisian blue pigments.)	2,700 "
Yellow chrome pigment, various types	297 Kgs.
Light green pigment, of copper arsenate base	100 "
Lead oxide, grey pigment	200 "
Varnish, transparent, various types	197 "
Enamel paint, mostly maroon	106 "
Paint, anti-rust, ready mixed in oil	105 "

NOTE: The above pigments are used in the manufacture of oil based paints.

Semi-worked Products:

Lithopone, a white pigment, a substitute for lead oxide pigment, consists of a mixture of zinc sulphide and barium sulphate	5,600 Kgs.
Minium, red pigment	800 "
Manganese peroxide, black pigment	330 "
Yellow chrome pigment	677 "
Ultramarine and Prussian blue pigments	1,353 "
Titanic Oxide, a white pigment	100 "
Synthetic oxide, pigments, yellow and red	237 "
Various paints compounds for manufacturing enamel paint	1,023 "

At GRAZI TINENO, Pieve di Sinalunga, under control of AC.

Cinnaber pigment, vermillion	100 Kgs.
Ochre, green, lime based	80 "
Ochre, black	20 "
Pigment, ferrous oxide	15 "
Terra, ultramarine blue	8 "

At E. GINO BUCCIACCHI, Cole Val d'Elsa (Siena), under control of AC.

Pigment, zinc, oxide, green	26 Kgs.
" " " " , light	18 "
" " " " , white	18 "
Lead oxide, lititation	14 "
Cinnaber, vermillion red pigment	25 "

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Enamel paint, mostly maroon	106 "
Paint, anti-rust, ready mixed in oil	105 "

NOTE: The above pigments are used in the manufacture of oil based paints.

Semi-worked Products:

Lithopone, a white pigment, a substitute for lead oxide pigment, consists of a mixture of zinc sulphide and barium sulphate	5,600 Kgs.
Minium, red pigment	800 "
Manganese peroxide, black pigment	330 "
Yellow chrome pigment	677 "
Ultramarine and Prussian blue pigments	1,353 "
Titanic Oxide, a white pigment	100 "
Synthetic oxide, pigments, yellow and red	237 "
Various paints compounds for manufacturing enamel paint	1,023 "

At GRAZI TINENO, Pieve di Sinalunga, under control of AC.

Cinnabar pigment, vermillion	100 Kgs.
Ochre, green, lime based	80 "
Ochre, black	20 "
Pigment, ferrous oxide	15 "
Terra, ultramarine blue	8 "

At E. GINO BUCCIACCHI, Cole Val d'Elsa (Siena), under control of AC.

Pigment, zinc, oxide, green	26 Kgs.
" " " " , light	18 "
" " " " , white	18 "
Lead oxide, imitation	14 "
Cinnebar, bright red pigment	25 "
Ochre, green, lime-based	49.5 "
Ochre, red	19 "
Ochre, raw umber	23.9 "
Burnt Siena	3.2 "
Linseed oil substitute	3 "

At DITTA CESARE BUONAMICI, Via dell'Oche 9 - Via S. Elizabetta 10, Florence, under control of AMG, 5th Army Rear.

Yellow ochre	360 Kgs.
Black ochre	1,050 "
Green zinc oxide, pigment	55 "
Minium pigment substitute	725 "
Enamel paint, various	181 "

At CONSORZIO AGRARIO, Florence, under control of AC Commerce Sub-Commission.

Linseed	243.465 Qls.

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At MITTA COTTARDO IETTA, Via Roma, Montepulciano. (Siena Province), under control of AC.

Terra yellow	260 Kgs.
" red	200 "
" burnt umber, porous	107 "
" " " , normal	865 "
" Siena, natural	10 "
Pigment, ferrous oxide	711 "
" , English red	430 "
Ochre, golden yellow	175 "
Ochre, lime based	107 "
Pigment, ultramarine blue	98 "
" , zinc oxide, powder form	724 "
" , lithopone	52 "
Lead oxide, powder form	89 "
Pigment, yellow chrome	4 "
" , zinc, green	454 "
Cinnabar vermillion	185 "
Pigment, minium, pure (red lead)	49 "
Substitute for minium pigment	650 "
Pigment, lamp black	74 "
Mordant, walnut (for preparing surfaces before painting)	93 "

At ATTILIO PARENTINI, Piazza S. Giovanni, 2, Florence, under control of AMG, 5th Army.

Paints in powder and pigments, English red (pig) 2,700 Kgs.

At OLEIFICIO VESUVIANO, S. Giuseppe Vesuviano, Naples, under control of Italian Government.

Linseed Oil 600 Kgs.

MOTTA AGATINO, Paterno, V.V. Emanuel, 340, Catania, under control of Italian Government.

Linseed Oil 5,170 Kgs.

At AIELLO ORAZIO, Via Cordai, 143, Catania, under control of Italian Government.

Linseed Oil 982 Kgs.

At CONSORZIO AGRARIO, Pisa, under control of AC.

Linseed for oil 142 Qls.

" , zinc oxide, powder form	724	"
" , lithopone	52	"
Lead oxide, powder form	89	"
Pigment, yellow chrome	4	"
" , zinc, green	454	"
Cinnabar vermillion	185	"
Pigment, minium, pure (red lead)	49	"
Substitute for minium pigment	650	"
Pigment, lamp black	74	"
Mordant, walnut (for preparing surfaces before painting)	93	"

At ATTILIO PARENTINI, Piazza S. Giovanni, 2, Florence, under control of AMG, 5th Army.

Paints in powder and pigments, English red (pig) 2,700 Kgs.

At OLEIFICIO VESUVIANO, S. Giuseppe Vesuviano, Naples, under control of Italian Government.

Linseed Oil 600 Kgs.

MOTTA MARTINO, Paterno, V.V. Emanuel, 340, Catania, under control of Italian Government.

Linseed Oil 5,170 Kgs.

At ANELLO ORAZIO, Via Cordai, 143, Catania, under control of Italian Government.

Linseed Oil 982 Kgs.

At CONSORZIO AGRARIO, Pisa, under control of AC.

Linseed for oil 142 Qls.

see Circulation file 103

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ELECTRICAL MATERIALS

At NOBEL WORKS, Pratola under control of AC

Single wire 1000 volt from 1 sq m/m to 3 sq m/m, two phase and three phase. (This wire is still strung on poles.)	1000 meters
Aluminum Aldrey rope for conductors of 5000 KV to a tension of 30,000 volts for 100 amphers, 50 sq m/m dia. (This rope is strung on poles and houses.)	5000 meters

At INDUSTRIA GOMMA SINTETICA, Terni, under control of Director of Engineer Production & Stores, AFHQ.

Transformers

3 phase, 80 KVA, Volts 525/220 - 127 Frequency 50.	4 Each
150/5 Frequency 42-50 Current Transformers	6 "
5500/110 Voltage Transformers	10 "
4 KVA Single Phase Transformers	1 "

Panel Switchboard with: 10 Each
(a) Four incoming Transformer panels
(b) Six outgoing Dis. panels.

Three of the Transformer panels are complete with automatic oil break switchgear. No Volt, overload releases.
Rating 1000 Volts at 500 amps.
NO instruments on these panels.

Five Outgoing Dis: Panels are complete with Overload release gear, switches and isolating switches, ampmeters, NO Voltmeter.

Automatic overload release switch 15,000 Volts at amps.	1 Each
Automatic Release switch 15,000 Volts - 300 amps.	1 Each

At BERTOLINO, Via Magna Grecia, Rome, under control of AC.

150 Watt, 130 Volts Phillips bulbs	50 pcs.
5 Watt, 170 Volts Phillips bulbs	50 "
25 Watt, 125 Volts Tungsten sunlight bulbs	25 "
300 Watt, 125 Volts bulbs	36 "
200 Watt, 125 Volts bulbs	24 "
75 Watt, 125 Volts bulbs	75 "
5 to 25 watt, 125 Volts, assorted	150 "

2123

At SPOLETTIFICIO, R.E., V. Flaminia, Rome, under control of AC.

Declassified E.O. 12356 Section 3.3/NND No. 785017

4 KVA Single Phase Transformers	1 "
Panel Switchboard with: (a) Four incoming Transformer panels (b) Six outgoing Dis. panels.	10 Each

Three of the Transformer panels are complete with automatic oil break switchgear. No Volt, overload releases.
Rating 1000 Volts at 500 amps.
NO instruments on these panels.

Five Outgoing Dis: Panels are complete with Overload release gear, switches and isolating switches, ampmeters, NO Voltmeter.

Automatic overload release switch 15,000 Volts at amps.	1 Each
Automatic Release switch 15,000 Volts - 200 amps.	1 Each

At BERTOLINO, Via Magna Grecia, Rome, under control of AC.

150 Watt, 130 Volts Phillips bulbs	50 pcs.
5 Watt, 170 Volts Phillips bulbs	50 "
25 Watt, 125 Volts Tungsten sunlight bulbs	25 "
300 Watt, 125 Volts bulbs	56 "
200 Watt, 125 Volts bulbs	24 "
75 Watt, 125 Volts bulbs	75 "
5 to 25 Watt, 125 Volts, assorted	150 "

2123

At SPOLETIFICIO, R.M., V. Flaminia, Rome, under control of AC.

Copper Wire for Winding:	
22/10 mm	60 Kgs.
16/10 mm	11 "
9/10 mm	10 "
7/10 mm	9 "
11/10 mm	10 "

Enameled Winding Copper Wire, 5.5 mm.	2 Kgs
Enameled winding Copper Wire, 0.5 mm.	5 "

At S.A.R.L.M., Sedile di Porto, 62, Naples, under control of Italian Government.

Wires and Cables:	
Rope (two couples)	99 Meters
" (three couples)	50 "
" (five couples)	25 "
Wire Aluminium 2/1.2	300 "
" " 2/1.5	192 "

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INDUSTRIAL GASES & CHEMICALS

At AZIENDA MUNICIPALIZZATA DEL GAS, Ancona, under control of AMG Ancona Province.

Cylinders, gas	50 Each

At CONSORZIO AGRARIO, Arezzo, under control of AMG Toscana Region.

Caustic Soda	28 Qls.

At OFFICINE NOBEL BUSSI, Pescara, under control of AC.

Caustic Soda	4,300 Kgs.

At ZARELLI, Via Soluzzo, 37, Rome, under control of AC.

Caustic Soda	13 Tons

At SOC. VETRARIA E. TALDEI & C., San Giovanni Valdarno, under control of AC.

Sodium Carbonate	40 Tons

At E. CONTI & FIGLI, S.A., Via Del Vigna, 17, Livorno, under control of AC.

Caustic Soda (liquid form 45°)	5 Tons
Sodium Carbonate	5 Tons

At SOC. AN. MONTECANTINI - CROTONE, Catanzaro, under control of AC.

Caustic Soda (liquid form)	16,196 Kgs.

At NOBEL S.G.E.M., Bussi, under control of Italian Government.

Caustic Soda, liquid 100%	113 Qls.

At MONTECATINI, Crotone, under control of Italian Government.

Caustic Soda, liquid 100%	2,000 Kgs.

At SOC. CHIMICA ANIDRE ROSIGNANO MARITTIMO, Siena, under control of AC.

Caustic Soda, liquid 45%	190 Tons

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APPENDIX 'C'

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
ENGINEERING MATERIALS COMMITTEE

INDUSTRIAL CASES SUB-COMMITTEE - MINUTES

17 February 1945

1. A Meeting of this Sub-Committee was held in the Allied Force Local Resources Section Conference Room at 1430 hours on Saturday February 17th, 1945.

2. Present:- Representing:-

Captain J. HUSTON McCLANE		C.E., P.B.S.
Lieut. S.G.S. MORRELL, R.N.V.R.		C-in-C, Med
Lieut. G.S. SCHMITZ		AAPSC/MTO
Captain A.C. AEPPLINGER		AAPSC/MTO
Lieut. R.S. WILSON		AAPSC/MTO
Major E.M. ADAMS		C.E., MTOUSA
Major J.R. PARSONS		Ord (Br), AFHQ
Major W.D. NEWMAN		Ord (Br), AFHQ
Captain P. SHIDWELL		94th C.G.D., SAEC
Lieut. S.C. MAINE		94th C.G.D., SAEC
P/Lieut. J. ASPTEN		214 Group RAF

3. In the unavoidable absence of Major MacDONALD, Captain J. HUSTON McCLANE, C.E., P.B.S. was again asked to take the Chair.

4. The minutes of the meeting of 20 JAN 45 were read and approved.

5. Arising out of the minutes of the last meeting representatives stated that the new method of allocation by plants seemed to be having its hoped for effect, as no complaints have been received regarding supply.

6. Arising out of minute 10 of the last meeting Major PARSONS stated that it was a British responsibility to supply the Florence plant and steps were being taken to see that adequate supply of raw materials were available. Capt. HUSTON McCLANE stated that the plant was still suffering from lack of raw materials, and after general discussion Major PARSONS of Ord (Br) and Major ADAMS of MTOUSA were asked to investigate the question of supplies of raw materials for all plants on a combined British/American basis, so that there would be no danger of plants failing for lack of raw materials which might be available from one Service if not the other. Major ADAMS promised to review the picture and issue instructions to prevent further occurrence of shortages of raw materials that might be available from American sources.

2 1 2

7. The question was raised by Captain HUSTON McCLANE regarding the SAN DONNINO plant at FLORENCE which was civilian operated. Capt. SHIDWELL stated that he had applied for permission to take over this plant. The Sub-Committee was of the

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Lieut.	S.C.S. MORRELL, R.N.V.R.	C-in-C, Med
Lieut.	G.S. SCHULTZ	AAFSC/MTO
Captain	A.C. KEPPLINGER	AAFSC/MTO
Lieut.	R.S. WILSON	AAFSC/MTO
Major	E.H. ADAMS	C.E., MTOUSA
Major	J.R. PARSONS	Ord (Br), AFHQ
Major	W.D. NEWMAN	Ord (Br), AFHQ
Captain	F. SHIDWELL	94th C.G.D., SAEC
Lieut.	S.C. MADE	94th C.G.D., SAEC
F/Lieut.	J. ARMEN	214 Group RAF

3. In the unavoidable absence of Major MacDONALD, Captain J. HUSTON McCLANE, C.E., P.B.S. was again asked to take the Chair.

4. The minutes of the meeting of 20 JAN 45 were read and approved.

5. Arising out of the minutes of the last meeting representatives stated that the new method of allocation by plants seemed to be having its hoped for effect, as no complaints have been received regarding supply.

6. Arising out of minute 10 of the last meeting Major PARSONS stated that it was a British responsibility to supply the Florence plant and steps were being taken to see that adequate supply of raw materials were available. Capt. HUSTON McCLANE stated that the plant was still suffering from lack of raw materials, and after general discussion Major PARSONS of Ord (Br) and Major ADAMS of MTOUSA were asked to investigate the question of supplies of raw materials for all plants on a combined British/American basis, so that there would be no danger of plants failing for lack of raw materials which might be available from one Service if not the other. Major ADAMS promised to review the picture and issue instructions to prevent further occurrence of shortages of raw materials that might be available from American sources.

7. The question was raised by Captain HUSTON McCLANE regarding the SAN DONNINO plant at FLORENCE which was civilian operated. Capt. SHIDWELL stated that he had applied for permission to take over this plant. The Sub-Committee was of the opinion that a strong recommendation be made through the parent Committee to the proper authorities that the plant be requisitioned and controlled by the military.

8. Services requirements of Oxygen and Acetylene, together with production reports, were then answered; (Appendix "A") and it was again requested that Services operating the plants advise them of the allocations made.

9. Whilst dealing with the allocations the question arose of the allocation of the Florence plant production, especially in regard to Acetylene, between American and British Services. Captain HUSTON McCLANE stated he was of the opinion that there had been an arrangement whereby the production was apportioned as 70% to American Services and 30% to British Services. Major NEWMAN asked that this, in view of increased usage by British Forces in the area, the proportion be on a 50/50 basis. In view of the conflict of opinion it was agreed that the MARCH production

/to.....

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be split on a 50/50 basis, and the parent Committee obtain a decision as to the future percentage allocation from this plant.

10. There being no further business, the date of the next meeting was fixed for Saturday 17 MARCH 45 at 1430 hours.

J. ASPDEN, F/LT., RAF,
Secretary, for Chairman,
INDUSTRIAL GASES SUB-COMMITTEE.

DISTRIBUTION

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10/11	AAFSC/AFO
12/13	HQ 214 Group RAF
14/17	Air Forces Sub-Commission, HQ AC
18/19	Navy Sub-Commission, HQ AC
20/21	94 C.G., DBASC
22	Engineer Section, PBS
23	Lieut. S.S.S. MORRELL (RNVR) c/o SNO (Br), ROME
24/25	RN ROME
26	RN NAPLES
27	CS, TARANTO
28	NOIC NAPLES
29	NOIC LEGHORN
30	NOIC ANCONA
31	The Flag Officer, Adriatic & Liaison Italy, for the Asst. Naval Store Officer
32	The Commanding Officer, HMS 'HANNIBAL'
33	SNO, Eastern SICILY

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J. ASPDEN, F/LT., RAF,
Secretary, for Chairman,
INDUSTRIAL GASES SUB-COMMITTEE.

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12/13	HQ 214 Group RAF
14/17	Air Forces Sub-Commission, HQ AC
18/19	Navy Sub-Commission, HQ AC
20/21	94 C.G., DSARC
22	Engineer Section, PBS
23	Lieut. S.G.S. MORRELL (RNVR) c/o SNO (Br), ROME
24/25	RN PONZA
26	RN POTALI
27	CS, TARANTO
28	NOIC NAPLES
29	NOIC LEGHORN
30	NOIC ANCONA
31	The Flag Officer, Adriatic & Liaison Italy, for the Asst. Naval Store Officer
32	The Commanding Officer, HMS 'HAMILCAR'
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34	File
35/46	Spares.

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APPENDIX "A"

OXYGEN - IN CUBIC FEET

PRODUCTION			ALLOCATIONS	
PLANT	OPERATOR	PRODUCTION	SERVICE	ALLOCATION
FIDO-ROME	94 C.G.D., SABC	1,000,000	Ord (Br) P.B.S.	381,000 600,000
TERNI	94 C.G.D., SABC	4,000,000	R.N. Ord (Br) AAFSC P.B.S.	80,000 1,073,000 800,000 1,200,000
FLORENCE	94 C.G.D., SABC	1,200,000	Ord (Br) P.B.S. AAFSC	476,000 400,000 200,000
TARANTO	R.N.	850,000	R.N. R.A.F.	600,000 250,000
PIOMBINO	R.N.	143,000	R.N.	120,000
BARI S.I.O.	Ord (Br)	550,000	R.N. R.A.F. Ord (Br) AAFSC	40,000 50,000 240,000 220,000
CASTELLAMARE A.S.A.	Ord (Br)	400,000	Ord (Br)	400,000
NAPLES S.I.O. 1	AAFSC	1,250,000	AAFSC	1,250,000
NAPLES S.I.O. 2	AAFSC	1,250,000	AAFSC	1,250,000
ILVA	AAFSC	500,000	R.N. Ord (Br) AAFSC	200,000 220,000 80,000
S.O.N.	P.B.S.	1,200,000	P.B.S.	1,200,000
TOTAL		12,343,000		11,330,000

ACETYLENE - IN CUBIC FEET

C.M.I.	94 C.G.D., SABC	600,000	Ord (Br) R.N.	400,000 35,000
S.P.A.D. ROME	94 C.G.D., SABC	600,000	Ord (Br) R.N. P.B.S.	117,000 114,000 476,000
TERNI	94 C.G.D., SABC	400,000	Ord (Br) P.B.S.	50,000 350,000
FLORENCE	94 C.G.D., SABC	350,000	Ord (Br)	175,000

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FLORENCE	94 C.G.D., SABC	1,200,000	Ord (Br)	475,000
			P.B.S.	400,000
			AAPSC	200,000
TARANTO	R.N.	850,000	R.N.	600,000
			R.A.F.	250,000
PIOMBINO	R.N.	143,000	R.N.	120,000
BARI S.I.O.	Ord (Br)	550,000	R.N.	40,000
			R.A.F.	50,000
			Ord (Br)	240,000
			AAPSC	220,000
CASTELLAMARE A.G.A.	Ord (Br)	400,000	Ord (Br)	400,000
NAPLES S.I.O. 1	AAPSC	1,250,000	AAPSC	1,250,000
NAPLES S.I.O. 2	AAPSC	1,250,000	AAPSC	1,250,000
ILVA	AAPSC	500,000	R.N.	200,000
			Ord (Br)	220,000
			AAPSC	80,000
S.O.N.	P.B.S.	1,200,000	P.B.S.	1,200,000
TOTAL		12,343,000		11,330,000

ACETYLENE - IN CUBIC FEET

C.M.I.	94 C.G.D., SABC	600,000	Ord (Br)	400,000
			R.N.	35,000
S.P.A.D. ROME	94 C.G.D., SABC	600,000	Ord (Br)	117,000
			R.N.	114,000
			P.B.S.	476,000
TERNI	94 C.G.D., SABC	400,000	Ord (Br)	50,000
			P.B.S.	350,000
FLORENCE	94 C.G.D., SABC	350,000	Ord (Br)	175,000
			P.B.S.	175,000
ANCONA	94 C.G.D., SABC	400,000	R.N.	8,000
			Ord (Br)	69,000
			AAPSC	267,000
S.O.N. NAPLES	P.B.S.	680,000	P.B.S.	680,000
S.I.O. BARI	Ord (Br)	200,000	AAPSC	63,000
			Ord (Br)	137,000
TARANTO	R.N.	176,000	R.N.	176,000
TOTAL		3,406,000		3,182,000

The overall surplus in Oxygen and Acetylene will cover any unforseen breakdown in production.

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COPY NO: 1 (94)

ALLIED FORCE LOCAL RESOURCES SECTION
A.P.M.Q.

LRS/212.

Postal Address :
AFLRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

12 February 1945

FEB 16 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES

54. The Nineteenth meeting of the Engineering Materials Committee was held at 0930 hours, Monday, 12 FEB 45 in the AFLRS (AFHQ) Conference Room, Rome.

PRESENT:

Chairman
Brigadier D.L. ANDERSON, CBE.
(Director of Engineer Production & Stores AFHQ)

Representatives of:

C-in-C, Med
CE, AFHQ
Sig. Service (Am), AFHQ
Ord (Am), AFHQ
Ord (Br), AFHQ
ENGR, ITALY
D.E.P.& S., AFHQ
HQ, AC
A.P.S.C/MTO
214 Group RAF

HEADQUARTERS
15 FEB 1945
A. Gp

In Attendance:

Chiefs of Section, AFLRS AFHQ

55. MINUTES OF PREVIOUS MEETING:

The minutes of the Eighteenth meeting were received and approved.

56. MINUTES OF BOARD MEETING:

Arising out of the meeting of the Board held on 3 FEB 45 the Committee recommended to the Board that MGRE AFHQ cease to be a member of the Committee.

HQ AC representative undertook to approach the Chairman through the Secretariat with a view to obtaining his sanction on any occasion when they thought it advantageous to have a member of the Committee

Declassified E.O. 12356 Section 3.3/NND No. 785017

...s, Monday, 12 FEB 45 in the AFLRS (AFHQ) Conference Room, Rome.

PRESENT:

Chairman
Brigadier D.L. ANDERSON, CBE.
(Director of Engineer Production & Stores AFHQ)

Representatives of:

C-in-C, Med
CE, AFHQ
Sig. Service (Am), AFHQ
Ord (Am), AFHQ
Ord (Br), AFHQ
UNR, ITALY
D.S.P.& S., AFHQ
HQ, ACC
ALPSC/MTO
2f4 Group RAF

HEADQUARTERS
15 FEB 1945
A. C.

In Attendance:

Chiefs of Section, AFLRS AFHQ

55. MINUTES OF PREVIOUS MEETING:

The minutes of the Eighteenth meeting were received and approved.

56. MINUTES OF BOARD MEETING:

...rising out of the meeting of the Board held on 3 FEB 45 the Committee recommended to the Board that ~~HQ~~ AFHQ cease to be a member of the Committee.

HQ AC representative undertook to approach the Chairman through the Secretariat with a view to obtaining his sanction on any occasion when they thought it advantageous to have a member of the Italian Government or of any Italian firm or organisation present at Committee meetings or any part thereof.

No other matters arose for discussion from the meeting of the Board.

57. LINSEED & LINSEED OIL:

In view of the amendment made by AFHQ to the proposal as circulated on the Agenda that all Italian Linseed be placed at the disposal of British Ordnance, the proposal was withdrawn.

58. CAUSTIC SODA - ALLOCATION OF:

The Committee recommended to the Board at the request of AC that the allocation of caustic soda obtained from local resources, a controlled item, be governed by the following priorities :-

/Priority.....

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Priority No.1. Use for Oxygen production - Soap manufacture - Emulsification of Bitumen - Olive Oil Extraction.

Priority No.2. Other Industrial Purposes.

59. STEEL PRODUCTION & ALLOCATION.

The following bids as submitted by Services were accepted for the month of March against the production of the steel mills operating under the control of the Director of Engineer Production & Stores AFHQ :-

Service	Sections	Plates	Sheets
DEPS, AFHQ	2,551 Tons	1,494 Tons	289 Tons
CS, PBS	973 "	369.5 "	161 "
ORD., PBS	303 "	209 "	200 "
R.N.	300 "	145 "	30 "
A.C.	1,051 "	108 "	843 "
TOTAL	5,175 Tons	2,316.5 Tons	1,523 Tons

Special Steel

ORD., PBS from Torre Annunziata 100 Tons.

In view of the necessity for arranging the rolling programme prior to the commencement of the month, Services requiring steel were requested to submit their demands in future as follows :-

(a) Bulk demands by (i) Sections
(ii) Plates
(iii) Sheets
to reach AFLMS 72 hours before the date of the meeting.

(b) Detailed break down in accordance with the sizes and types as shown in the Steel Catalogue to be brought by representatives to the meeting and handed to the representative of DEPS, AFHQ. Such detailed lists to be arranged in order of priority so that in the event of it not being possible to satisfy bids in full, DEPS will be able to meet the higher priority demands of each Service.

Services were advised that movement facilities from the works were less than the bids being made and accepted that they should adjust their future demands in accordance with the forecasts of available movement space.

The following amendment to the Steel Catalogue was notified :-

Under the heading of "PLATES"

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[illegible], RAAF	2,551 Tons	1,494 Tons	289 Tons
CE, PBS	973 "	369.5 "	161 "
ORD., PBS	300 "	200 "	200 "
R.N.	300 "	145 "	30 "
A.C.	1,051 "	108 "	843 "
TOTAL	5,175 Tons	2,316.5 Tons	1523 Tons

Special Steel

ORD., PBS from Torre Annunziata 100 Tons.

In view of the necessity for arranging the rolling programme prior to the commencement of the month, Services requiring steel were requested to submit their demands in future as follows :-

(a) Bulk demands by (i) Sections
(ii) Plates
(iii) Sheets
to reach AFLRS 72 hours before the date of the meeting.

(b) Detailed break down in accordance with the sizes and types as shown in the Steel Catalogue to be brought by representatives to the meeting and handed to the representative of DEPS. AFHQ. Such detailed lists to be arranged in order of priority so that in the event of it not being possible to satisfy bids in full, DEPS will be able to meet the higher priority demands of each Service.

Services were advised that movement facilities from the works were less than the bids being made and accepted that they should adjust their future demands in accordance with the forecasts of available movement space.

The following amendment to the Steel Catalogue was noticed :-

Under the heading of "PLATE"
Ref.Marks. P/1 to P/12 can be demanded in $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ or full sizes.

60. ALLOCATION OF CONTROLLED MATERIAL:

Allocations were made against the unallocated balance of items carried forward from the last meeting and against reported availabilities of controlled items. AFLRS, AFHQ was requested to issue the necessary release orders.

61. INDUSTRIAL GASES SUB-COMMITTEE.

The Minutes of the meeting of the Industrial Gases Sub-Committee held on 20 JAN 45 were received and approved.

62. CAUSTIC SODA.

RAF representative undertook to give details as to the type of Caustic Soda in respect of future reports of availability.

/63. RAIL PRODUCTION.....

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63. NAIL PRODUCTION.

The Committee recommended to the Board that all production (not stocks) of nails throughout liberated ITALY be controlled to the extent that monthly allocations against such production are made by the Committee.

64. PAINT PRODUCTION.

The Committee recommended to the Board that estimates of paint production from factories operated by the Allied Forces should be presented each month to the Committee and allocations made to all interested Services.

65. AMMONIA GAS PRODUCTION.

A report was received that the ammonia plant at MONTE MONTERO would shortly be operating. Ammonia gas being a controlled item it was recommended to the Board that the production of this commodity should be declared each month and allocated between all interested Services by this Committee.

66. REQUISITIONING OF MATERIALS FROM CIVILIAN PLANTS.

A report was received from PWB AC, Industry Sub-Commission, regarding the requisitioning of materials by two Services from a plant which had been de-requisitioned to permit of it producing material essential to the civilian economy.

Representatives of both Services involved undertook to either return or replace the materials in question and the Committee recommended to the Board that the Industrial Co-ordination Committee be invited to consider formulating a procedure which would give civilian firms some form of protection in such cases in future.

67. NEXT MEETING.

The twentieth meeting of the Committee will be held at 0930 hours, Wednesday, 14 MAY 45, in the AFHQ (AMG) Conference Room, ROME.

2119

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be to the Board that the proposal
month and allocated between all interested

66. REQUISITIONING OF MATERIAL FROM CIVILIAN FIRMS.

A report was received from HQ AG, Industry Sub-Commission, regarding the requisitioning of materials by the Services from a plant which had been de-requisitioned to permit of its producing material essential to the civilian economy.

Representatives of both Services involved undertook to either return or replace the materials in question and the Committee recommended to the Board that the Industrial Co-ordination Committee be invited to consider formulating a procedure which would give civilian firms some form of protection in such cases in future.

67. NEXT MEETING.

The twentieth meeting of the Committee will be held at 0930 hours, Wednesday, 14 MAR 45, in the ANZAM (ABDA) Conference Room, ROME.

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S. J. B. LOUDEN, Major, RAMC,
Secretary,
A. F. H. Q. (ITALIAN) BOARD.

SJBL/ga

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17/18	G-5, AFHQ
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20	Q(AB), AFHQ
21	CE, AFHQ
22	MGRE, AFHQ
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75	SEALUSNO, ITALY
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84	PA, RAF
85/89	CG, Base Area Allied Command

24	Signals (Br), AFHQ
25	DAT, AFHQ
26	Ord (A), AFHQ
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32/33	DMR, ITALY
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35	P.A., AFHQ
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37	GPA, MTOUSA
38	CAO, 15 Army Group
39/40	CG, 15 Army Group
41/42	Director of Engineer Production & Stores, AFHQ
43	HQ, AC
44	Vice-President, Economic Section, AC
45/60	Economic Section, AC
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69/70	RU (POTALI)
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76	MAAP (A)
77	MAAP (B)
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84	FA, RAF
85/89	CG, Rome Area Allied Command
90/92	CE, PBS
93/94	CE, PBS
95/96	BPA, PENBASE
97	BPA, PENBASE (South)
98	CE, PENBASE (South)
99/100	HQ, Adriatic Depot
101/102	DOS(P), DEOS L of C
103	Ord, PBS
104	Chairman, Engineering Materials Committee
105/113	APLRS AFHQ ADV ECH
114/115	APLRS RAFLRS Area
116	APLRS S.E. Area
117	APLRS SICILIAN Area
118/119	APLRS AFHQ Caserta
120	Rep. of C-in-C Med, ROME
121	File
122/145	Spares.

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A.F.H.Q.

Postal Address :
AFLRS, Rome Area
Allied Command,
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TEL : ROME 46275

LRS/212A.

HEADQUARTERS
1 FEB 1945
A.C.

31 January 1945.

FEB 2 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - AGENDA

The nineteenth meeting of the Engineering Materials Committee will be held at 0930 hours on Monday, 12 FEB 45, in the AFLRS Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following Agenda :-

1. Minutes of the eighteenth meeting held on 2 JAN 45.

2. To consider any matters arising out of the meeting of the Board held on 3 FEB 45.

3. To receive and consider a recommendation from G-4 (B), AFHQ that all Italian Linseed (including the 1944 crop) be placed at the disposal of British Ordnance to be used for the manufacture of paint in Italy.

4. To receive a request from HQ AC that the allocation of caustic soda obtained from local resources, a controlled item, be governed by the following priorities :-

   Priority No 1. Use for Oxygen production - Soap manufacture - Emulaification of Bitumen - Olive Oil Extraction.

   Priority No 2. Other Industrial Purposes.

5. To receive from Director, Engineer Production & Stores, AFHQ, the estimated production in tons of plate, sections and sheet from steel mills operating under his control for the month of March 1945.

6. To receive from AFLRS the consolidated requirements of all Services and AC for steel production from the above plants for the month of March. Such requirements to be submitted to reach AFLRS 72 hours before the time of the meeting.

7. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix "A") and to release any remaining balances to AC.

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The nineteenth meeting of the Engineering Materials Committee will be held at 0930 hours on Monday, 12 FEB 45, in the AFLRS Conference Room, 2nd Floor, 68 Piazza dell'Esedra, ROME, to consider the following Agenda :-

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   Priority No 1. Use for Oxygen production - Soap manufacture - Emulsification of Bitumen - Olive Oil Extraction.

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5. To receive from Director, Engineer Production & Stores, AFHQ, the estimated production in tons of plate, sections and sheet from steel mills operating under his control for the month of March 1945.

6. To receive from AFLRS the consolidated requirements of all Services and AC for steel production from the above plants for the month of March. Such requirements to be submitted to reach AFLRS 72 hours before the time of the meeting.

7. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix "A") and to release any remaining balances to AC.

8. To make allocations against reported availabilities of controlled items (Appendix "B").

9. To receive the minutes of the Industrial Gases Sub-Committee meeting of the 20 JAN 45 (Appendix "C").

10. Any other business

11. To set a date for the next meeting.

S.J.B. LOUDEN, Major, [redacted],
Secretary,
A. F. L. R. (ITALIAN) BOARD.

JBL/gs

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20	Q(AE), AFHQ
21	G2, AFHQ
22	MGRE, AFHQ
23	Signal Section (A), AFHQ
24	Signals (Pr), AFHQ
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38	HQ, AC
39	Vice-President, Economic Section, AC
40/45	Economic Section, AC
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47/52	Italian Air Ministry
53/55	Air Forces Sub-Commission, NAPLES
56/58	Sezione delle costruzione Aeronautica della Campania, NAPLES
59/60	AS (FOTALI)
61	AS (FOTALI), Rome
62/63	AS (FONAM)
64	CS, TARANTO
65	NOIC, Leghorn
66	Comdr., US EIGHTH Fleet
67	SPEZIA/SESTRI, Italy
68	RAAF (A)
69	RAAF (B)
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80	PA, RAF
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89/90	CE, FBS
91/92	MRA, Penhouse Main

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36 CO, MTOUSA
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38 HQ, AC
39 Vice-President, Economic Section, AC
40/45 Economic Section, AC
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89/90 QM, PBS
91/92 MPA, Penbase Main
93 MPA, Penbase South
94/95 HQ, Adriatic Depot
96 Ord, PBS
97/98 ADOS & DEOS L of C
99 CE, MTOUSA
100 QM, Penbase South
101 CE, Penbase South
102/110 LNO, c/o HQ 59 Area
111/112 AFLRS Naples Area
113/114 AFLRS S.E. Area
115 AFLRS Sicilian Area
116 AFLRS AFHQ (CASERTA)
117 C-in-C, Med Rep, Rome
118 Chairman, Engineering Materials Committee
119 File
120/155 Spares.

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APPENDIX "A"

UNALLOCATED BALANCE OF MATERIALS FROM MEETING OF 2 JANUARY 1945.

At SIDERURGICA COMMERCIALE, Rome, under control of AG.

Iron wire and cables — 23 Tons

At GIUSEPPE SILLIDI, Via Ricasoli, 3, Prato, under control of AMG, 5th Army.

Wire steel and wire — 350 Kgs.
Cable, zinc covered, iron and steel — 120 "

At ANGELO SPECCI, Via dell'Anguillare, 17, Florence, under control of AMG, 5th Army.

Iron wire, diameter m/m 12 — 500 Kgs.

At SOCIETA ANONIMA NAZIONALE "COGNE", Via della Robbia, 31, Florence, under control of AMG, 5th Army.

Construction steel:
Rounds, A3 — 3 m/m — 3½ Kgs.
6 m/m — 310 "

At ILVA, S. Giovanni, Valdarno, under control of AMG, 5th Army.

Galvanized barbed wire:
No. 14 gauge (mm 2.2), 2 strand — 55 Kgs.
No. 17 gauge (mm 3), 3 strand — 400 "

Black barbed wire:
No. 14 gauge (mm 2.2), 3 strand — 19,657 Kgs.
No. 14 gauge (mm 2.2), 2 strand — 40,000 "

At DITTA ADOLFO FERRINI, Via Nazionale, 13, Florence, under control of AMG, 5th Army.

Copper, scrap — 42 Kgs.

At DITTA PIETRO GIANNOLA, Viale Lodovico Ariosto, 36, Florence, under control of AMG, 5th Army.

Scrap Lead — 700 Kgs.

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APPENDIX "2"

THE FOLLOWING ARTICLES ARE REQUIRED

CONTROLLED STROUS MATERIALS

At GOMME SINTETICA, Terni, under control of Director of Engineering Production and Stores, APHQ.

Cables and wire:

Binding wire, 25 gauge	1,400 Cwts.
Wire, galvanized, 10 gauge	163 "
" " , 8 "	65 "
" " , 3 "	390 "
Copper wire	3 Coils
Spring wire, 10 gauge	2 "
" " , 12 "	2 "
" " , 16 "	1 "
Aluminium cable, 37 strand	2 Drums
" " , 19 "	1 "

Structural steel, sectional dimension exceeding 6":

R.S.J.s 24" x 8" x 22'4"	12 Each
24" x 8" x 70'6"	4 "
26" x 6" x 21'0"	6 "
26" x 6" x 21'4"	30 "
26" x 6" x 30'0"	6 "
26" x 9" x 30'8"	7 "
26" x 9" x 31'10"	4 "
27" x 6" x 21'3"	3 "
27" x 8" x 31'10"	1 "
27" x 10" x 31'10"	4 "
Compound Girders 8" width 22'0"	1 "
18'3"	2 "
22'6"	2 "
23'0"	1 "
30'6"	1 "
31'0"	1 "
33'6"	2 "

At S.A.C.F.E.M. WORKS, Arezzo, under control of Director of Tn. (Dr).

Tool Steel, flat:

300 x 40 x 970 mm.	1 Each
110 x 35 x 1260 mm.	1 "
120 x 25 x 1300 mm.	1 "
45 x 15 x 1000 mm.	1 "
40 x 8 x 1100 mm.	1 "
65 x 12 x 1800 mm.	1 "
26 x 13 x 4000 mm.	2 "
26 x 13 x 1370 mm.	1 "
26 x 13 x 2370 mm.	2 "

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" " 19		2 Drums
		1 "

Structural steel, sectional dimension exceeding 6":

R.S.J.s	24" x 8" x 22'4"	12 Each
	24" x 8" x 70'0"	4 "
	26" x 5" x 21'0"	6 "
	26" x 5" x 21'3"	30 "
	26" x 5" x 30'0"	6 "
	26" x 9" x 30'8"	7 "
	26" x 9" x 31'10"	4 "
	27" x 6" x 21'3"	3 "
	27" x 8" x 31'10"	1 "
	27" x 10" x 31'10"	4 "
Compound Girders 8"	width 22'0"	1 "
	18'3"	2 "
	22'6"	2 "
	23'0"	1 "
	30'6"	1 "
	31'0"	1 "
	33'6"	2 "

At S.A.O.F.E.M. works, Arezzo, under control of Director of Tn. (Br).

Tool Steel, flat:

300 x 40 x 970 mm.	1 Each
110 x 35 x 1260 mm.	1 "
120 x 25 x 1300 mm.	1 "
45 x 15 x 1000 mm.	1 "
40 x 8 x 1100 mm.	1 "
65 x 12 x 1800 mm.	1 "
26 x 13 x 4000 mm.	2 "
26 x 13 x 1370 mm.	1 "
26 x 13 x 2370 mm.	2 "
100 x 10 x 1900 mm.	1 "
27 x 20 x 700 mm.	1 "
27 x 20 x 2830 mm.	1 "
27 x 20 x 3600 mm.	1 "

Tool Steel, hexagon:

22 x 7000 mm.	5 "
22 x 4000 mm.	18 "
25 x 3500 mm.	18 "

Tool steel, round:

25 x 4000 mm.	3 "
25 x 5000 mm.	2 "
25 x 1400 mm.	1 "
26 x 3600 mm.	1 "
20 x 3600 mm.	1 "
23 x 1500 mm.	3 "
23 x 3900 mm.	1 "
23 x 900 mm.	1 "
18 x 1200 mm.	1 "

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At S.A.F.E.M. WORKS, Arezzo, under control of Director of Tn. (Hy). Cont'd.

Mild Steel, channel:

160 x 65 x 12000 mm.	8 Each
180 x 70 x 5500 mm.	18 "
180 x 75 x 7700 mm.	2 "
200 x 75 x 12000 mm.	12 "
200 x 80 x 7600 mm.	6 "
260 x 85 x 7000 mm.	5 "
260 x 90 x 5400 mm.	54 "
260 x 90 x 7300 mm.	2 "

Mild Steel:

R.S.Js.

" 255 x 110 x 12 x 8000 mm. 100 "

At CANTIERI NAVALI RIUNITI, Ancona, under control of C-in-C Med.

Foundry pig 10 Tons

At TRAFILERIA & PUNTINERIA, CONNELLI, Colle Val D'Elsa, Siena, under control of AMG, 5th Army.

Wire, iron, soft, for making shoe nails or studs	40 Qls.
Wire, iron, soft, for making small nails	15 "
Wire, iron, soft, for making nails, counterdrawn	10 "
Wire, iron, soft - various diameters	20 "
Wire, iron, galvanised, various diameters	30 "

At CONSORZIO AGRARIO PROVINCIALE, BIBBIENA, under control of AC.

Wire, iron, in skeins, diameter of 3 mm, twisted in pairs 46 Qls.

AT CALASTRI & PACINI, Colle Val D'Elsa, Siena, under control of AMG, 5th Army.

Vergella, 5 mm	100 Qls.
Wire, soft, raw	500 "

At NOBEL WORKS, Pratola, under control of AC.

Pig iron bars 230x340	200 Kgs.
Pig iron Portcullis 300 mm	4 Pcs.
Pig iron Portcullis 400 mm	1 "

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NON-FERROUS MATERIALS

At S.A.C.F.E.M. WORKS, Arezzo, under control of Director of Tn. (Br).

Copper, sheet, 20 SWG, in rolls	195 Kgs.
Lead, tube, scrap	70 "

At AZIENDA MUNICIPALIZZATA DEL G.S, Ancona, under control of AMG, 5th Army.

Lead piping, various diameters	35 Qls.
Lead scrap	5 "
Tin scrap	1 "

At CANTIERI NAVALI RIUNITI, Ancona, under control of C-in-C Med.

Lead (in ingots)	5 Tons
Copper (electrolytic)	3 "
Copper sheets	1 "
Brass sheets	2 "

At FERDINANDO ZABOLOTTI, Via Cavour, 116, Bari, under control of AC.

Brass, unfabricated	695 Kgs.

At LUIGI LORUSSO FU DONATO, Via Napoli, 297, Bari, under control of AC.

Brass, unfabricated	560 Kgs.

At VINCENZO COSTA, Via Cavaldoli, 145, Napoli, under control of AC.

Brass, unfabricated	10,000 Kgs.

At VINCENZO COSTA, Corso Garibaldi, 379, Napoli, under control of AC.

Brass, unfabricated	2,300 Kgs.

At COSTA VINCENZO, Corso Garibaldi, 379a, Napoli, under control of AC.

Electrolytic copper wire	100 Kgs.

At DITTA MICHELE SCIANATICO & F., Via Celerno, 87, Bari, under control of AC.

Lead scraps	2,600 Kgs.
Lead for accumulators	800 Kgs.
White metal for bearings	230 Kgs.

At FIORE GAETANO, Via Napoli, 270, Bari, under control of AC.

Lead for accumulators	150 Kgs.

Lead (in ingots)	5 Tons
Copper (electrolytic)	3 "
Copper sheets	2 "
Brass sheets	2 "

At FERDINANDO ZABOLETTI, Via Cavour, 116, Bari, under control of AC.

Brass, unfabricated 695 Kgs.

At LUIGI LORUSSO FU DONATO, Via Napoli, 297, Bari, under control of AC.

Brass, unfabricated 560 Kgs.

At VINCENZO COSTA, Via Comaldoli, 145, Napoli, under control of AC.

Brass, unfabricated 10,000 Kgs.

At VINCENZO COSTA, Corso Garibaldi, 379, Napoli, under control of AC.

Brass, unfabricated 2,300 Kgs.

At COSTA VINCENZO, Corso Garibaldi, 379a, Napoli, under control of AC.

Electrolytic copper wire 100 Kgs.

At DITTA MICHELE SCLANATICO & F., Via Salerno, 87, Bari, under control of AC.

Lead scraps	2,600 Kgs.
Lead for accumulators	300 Kgs.
White metal for bearings	250 Kgs.

At FIORE GAETANO, Via Napoli, 270, Bari, under control of AC.

Lead for accumulators 150 Kgs.

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At COMMERCIO ROTTAMI METALLICI USATI MIGLIACCIO MARGHERITA, S. Anna alle Paludi, 46, Napoli, under control of AC.

Lead for accumulators	3,680 Kgs.
Lead scraps	3,118 "

At F.LLI GRAVINA, Rua Catalana, 13, Napoli, under control of AC.

Lead Scraps 1,530 Kgs.

At SOC. AN. COMMERCIO INDUSTRIA METALLI, Napoli, (goods stored in warehouse at Sorrento, Via Michele, 62) under control of AC.

Lead scraps 3,000 Kgs.

At ZICARI RAFFAELE, Taranto, under control of AC.

Lead scraps 200 Kgs.

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At SOC. ESERCIZI TELEFONICI, Taranto, under control of AC.

Lead scraps	57 Kgs.

At MATTEO GIACALONE, Marsala (Trapani), under control of AC.

Lead scraps	40 Kgs.

At BARI AREA, under control of Salvage (Br), AFHQ.

Copper scrap, non-electrolytic	2 Tons

At NAPLES AREA, under control of Salvage (Br), AFHQ.

Copper scrap, non-electrolytic	3 Tons

At CATTERE PIETRO MILLANI, Fabriano, under control of AMG, 5th Army.

Tin	26 Kilos
Copper piping	207 "

At GIO. GASTONE BERTINI, Colle Val d'Elsa, Siena, under control of AMG, 5th Army.

Foundry pig	50 Qls.

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OTHER BUILDING MATERIAL

At S.A.C.P.E.M. WORKS, Arezzo, under control of Director of Tn. (Br).

Pigment, paint:	
White (Zinc)	800 Kgs.
Wagon Red	5,000 "
Blue	40 "
Smoke Black	20 "
Medium black	80 "
Yellow Chrome	7 "
Buff	70 "
Aluminium	130 "
Whiting	560 "
Pumice powder	400 "
Paint, P.P.U.:	
Grey	60 "
Green	30 "
Maroon	50 "
Red lead	120 "
Bituminous black	250 "
Varnish, interior	100 "
Liquid Wood filler	100 "
Oil, linseed, substitute	80 Gals.

At LINOLEUM - SALPA SP. A., Nazzi Scalo, under control of AC.

Yellow Ochre	340 Tons
Oxide of Titanium	80 "
Brown	6 "

At COLORIFICIO ITALIANO, Pescara, under control of AC.

Ultramarine blue pigment	25 Tons
Materials for additional ultramarine	100 "

At CONSORZIO AGRARIO WAREHOUSE, Pisa, under control of AC.

Linseed for oil	142 Qls.
Linseed for Fibre +	200 "

+ Seed of plant which produces fibre suitable for manufacture of linen.

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Whiting	360	"
Pumice powder	400	"
Paint, P.C.U.:		
Grey	60	"
Green	30	"
Maroon	50	"
Red lead	120	"
Bituminous black	250	"
Varnish, interior	100	"
Liquid Wood filler	100	"
Oil, linseed, substitute	80	Gals.

At LINOLEUM - SALPA SP. A., Marni Scalo, under control of AC.

Yellow Ochre	340	Tons
Oxide of Titanium	80	"
Brown	6	"

At COLORIFICIO ITALIANO, Pescara, under control of AC.

Ultramarine blue pigment	25	Tons
Materials for additional ultramarine	100	"

At CONSORZIO AGRARIO WAREHOUSE, Pisa, under control of AC.

Linseed for oil	142	Qls.
Linseed for Fibre +	200	"

+ Seed of plant which produces fibre suitable for manufacture of linen.

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ELECTRICAL MATERIALS

At GOMME SINTETICA, Terni, under control of Director of Engineering Production and Stores, AFHQ.

Copper and aluminium conductors:		
Conductors, copper, 1'7" long	8	Each
1'8" "	76	"
2'6"	20	"
2'0"	34	"
Electric light fittings:		
Boards, distributing, 3 way	114	Each
6 way	7	"
Junction boxes, I.C., 2 way	25	"
Fuse boxes, I.C., 3 way	37	"
Resistances, 750 ohms	9	"
Fuse boxes, I.C., 6 fuse	2	"
Fuses, 50 amp.	152	"
75 "	9	"
100 "	58	"
150 "	8	"
200 "	10	"
300 "	5	"
Lugs	670	"
Line taps	1,460	"
Lugs, aluminium	2,450	"
Junction boxes 4½" x 4½" x 2½"	18	"
" " , round	1,900	"
" " , 3½" x 3¼" x 2½"	860	"
" " , outlet fittings	70	"
" " , I.C. 2 outlet	21	"
Fuse contacts, 600 amp.	4	"
" " 400 "	7	"
Fuse holders	26	"
Unions, male & female (elec.)	527	"
Junction boxes, 3 way, 1" screwed	20	"
Plugs, 3 pin	31	"
Nipples, 2"	48	"
Single fuse holders	50	"
Fuse holders, 60 amp, 500 volt	19	"
Cable clips	98	"
Lampholders, porcelain, Goliath plug in	50	"
" " , clip in	121	"
Lampholders, small	27	"
Sockets, 2 pin	750	"
Junction boxes, 3 terminal, porcelain	191	"
" " , 4 " "	102	"
Wall brackets	143	"
Fuses, 4 amp.	1,050	"
" 6 "	6,078	"

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Junction boxes, I.C., 2 way	25	"
Fuse boxes, I.C., 3 way	37	"
Resistances, 750 ohms	9	"
Fuse boxes, I.C., 6 fuse	2	"
Fuses, 50 amp.	152	"
75 "	9	"
100 "	58	"
150 "	8	"
200 "	10	"
300 "	5	"
Lugs	670	"
Line taps	1,460	"
Lugs, aluminium	2,450	"
Junction boxes 4½" x 4½" x 2½"	18	"
" " , round	1,900	"
" " , 3¾" x 3¾" x 2½"	860	"
" " , outlet fittings	70	"
" " , I.C. 2 outlet	21	"
Fuse contacts, 600 amp.	4	"
" " 400 "	7	"
Fuse holders	26	"
Unions, male & female (elec.)	527	"
Junction boxes, 3 way, 1" screwed	20	"
Plugs, 3 pin	31	"
Nipples, 2"	48	"
Single fuse holders	50	"
Fuse holders, 60 amp, 500 volt	19	"
Cable clips	98	"
Lampholders, porcelain, Goliath plug in	50	"
" " , clip in	121	"
Lampholders, small	27	"
Sockets, 2 pin	750	"
Junction boxes, 3 terminal, porcelain	191	"
" " , 4 " "	102	"
Wall brackets	143	"
Fuses, 4 amp.	1,050	"
" , 6 "	6,078	"
" ,20 "	4,049	"
" ,25 "	2,275	"
" ,35 "	374	"
Y Joints, 1½"	61	"
Y Joints, 1¼"	61	"
Nipples, ¾"	116	"
" , 1"	117	"
" , 1¼"	162	"
" , 1½"	48	"
Cleats, porcelain, 2 groove	372	"
Sockets, 3 pin	50	"
Junction boxes, 6 terminal, 4 outlet	112	"
" " , 4 outlet	222	"
" " , 3 "	335	"
" " , 4 terminal, aluminium	74	"
" " , 3 " "	44	"
" " , 4 " , 4 outlet	14	"

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At COMIE SINTETICA, Terni, under control of Director of Engineering Production and Stores, AFHQ.

Electric light fittings:

Bell indicators	42	Each
Junction boxes, 2 outlet	20	"
Switches, 2.5 amp, 500 volt	11	"
" 10 " 500 "	4	"
" , E.L. Press button	1,060	"
" , 5 amp, I.C.	49	"
" , bakelite, large	30	"
" , small, bakelite	9	"
" , alloy, 4-15 amp, 160-500 volts	12	"
" , knife, 3 pole, 400 amp.	3	"
" , " , contact, 400 amp.	3	"
" " " , 600 "	2	"

Motors:

Motors, F.I.M.E. TORINO, 3 phase, HP 3.5 110/220 volts, 11.5 amps.	1	"
Motors, Marelli, 3 phase, HP 0.3, 127/220 volts, 3.4/1.05 amps.	5	"
Motor, Marelli, 3 phase, HP 0.42, 127/220 volts, 3.18/1.24 amps.	1	"
Motor, Marelli, 3 phase, HP 2, 127/220 volts, 1.1/6.4 amps.	1	"
Motor, 3 phase, 127/220 volts	1	"
Motor, Brown Boveri, 3 phase, 190 volts, 9.2 amps.	1	"
Motor, S. Giorgio, 3 phase, HP 0.5, 220 volts, 2 amps	1	"
Motor, Pelliggari, 3 phase, 0.5 HP, 220 volts, 2.3 Amps.	1	"
Motor, S. Giorgio, 3 phase, HP 0.9, 220 volts, 3.11 amps.	1	"
Motor, Pelliggari, 3 phase, HP 2, 220 volts, 6 amps.	1	"
Motor, Beraducci, 3 phase, HP 2, 220 volts, 5.8 amps.	1	"
Motor, S. Giorgio, 3 phase, HP 3, 220 volts, 9 amps.	1	"
Motor, Pelliggari, 3 phase, HP 3, 220 volts, 9.5 amps.	1	"
Motor, Pelliggari, 3 phase, HP 3.25, 220 volts, 9.7 amps.	1	"
Motor, S. Giorgio, 3 phase, HP 4, 220 volts, 11.2 amps.	1	"
Motors, S. Giorgio, 3 phase, HP 4, 220 volts, 12.2 amps.	3	"
Motor, Pelliggari, 3 phase, HP 4.5, 220 volts, 13.5 amps.	1	"
Motor, Pelliggari, 3 phase, HP 5, 220 volts, 12 amps.	1	"

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Motors, F.I.M.E. TORINO, 3 phase, HP 3.5 110/220 volts, 11.5 amps.	1 "
Motors, Marelli, 3 phase, HP 0.3, 127/220 volts, 3.4/1.05 amps.	5 "
Motor, Marelli, 3 phase, HP 0.42, 127/220 volts, 3.18/1.24 amps.	1 "
Motor, Marelli, 3 phase, HP 2, 127/220 volts, 1.2/6.4 amps.	1 "
Motor, 3 phase, 127/220 volts	1 "
Motor, Brown Boveri, 3 phase, 190 volts, 9.2 amps.	1 "
Motor, S. Giorgio, 3 phase, HP 0.5, 220 volts, 2 amps	1 "
Motor, Pelliggari, 3 phase, 0.5 HP, 220 volts, 2.3 Amps.	1 "
Motor, S. Giorgio, 3 phase, HP 0.9, 220 volts, 3.11 amps.	1 "
Motor, Pelliggari, 3 phase, HP 2, 220 volts, 6 amps.	1 "
Motor, Beraducci, 3 phase, HP 2, 220 volts, 5.8 amps.	1 "
Motor, S. Giorgio, 3 phase, HP 3, 220 volts, 9 amps.	1 "
Motor, Pelliggari, 3 phase, HP 3, 220 volts, 9.5 amps.	1 "
Motor, Pelliggari, 3 phase, HP 3.25, 220 volts, 9.7 amps.	1 "
Motor, S. Giorgio, 3 phase, HP 4, 220 volts, 11.2 amps.	1 "
Motors, S. Giorgio, 3 phase, HP 4, 220 volts, 12.2 amps.	3 "
Motor, Pelliggari, 3 phase, HP 4.5, 220 volts, 13.5 amps.	1 "
Motor, Pelliggari, 3 phase, HP 5, 220 volts, 12 amps.	1 "
Motor, Brown Boveri, 3 phase, HP 5.4, 220 volts,	1 "
Motor, S. Giorgio, 3 phase, HP 5.4, 220 volts, 12.2 amps.	1 "
Motor, S. Giorgio, 3 phase, HP 7.2, 220 volts, 20 amps.	1 "
Motor, Pelliggari, 3 phase, HP 2.4, 220/260 volts, 6 amps.	1 "
Motor, Marelli, 3 phase, HP 0.7, 220/380 volts, 2.6/1 amps.	1 "
Motor, O.E.F.T. Milano, 3 phase, HP 2, 277 volts, 5.1 amps.	1 "
Motor, S. Giorgio, 3 phase, HP 0.9, 320 volts, 2.1 amps.	1 "

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At CORSE SINTETICA, Terni, under control of Director of Engineering Production and Stores, AFHQ.

Welding rods:

Electrodes,	1.5 mm	30 Bundles
"	2 "	23 "
"	2.5 "	33 "
"	3.5 "	13 "
"	12 gauge	33 "

At S.A.C.F.E.M. WORKS, Arezzo, under control of Director of Tn. (Br).

Cable, copper, high or low tension, various thickness in short lengths	440 Kgs.
Cable, copper, high or low tension, 50 sq. mm.	300 "
Cable, aluminium, 5 mm.	14 "
" " , 13 strand	123 "
Junction boxes, interior, 3-phase	8 Each
Metre, electric, kilowatt - ore 260/115V, 3 x 15 amp, 3-phase, 1 K.W. hour = 450 Rev. of disc.	1 Each
Switches, knife, 3 pole	20 "
" , rotor, porcelain	1 "
" , " , bakelite	2 "
Lamps, inspection, w/guard (Carr. & Wagon)	5 "
Bases, wood, wall switches	200 "
Bases, porcelain, wall switches	10 "
Buttons, porcelain, for fixing wire to wall	28 "
Plugs, bakelite, 3-phase, couch	31 "
Sockets, bakelite & porcelain, 3-phase	50 "
Reducers, amp. 600 - 5 amp.	4 "
Caps, copper (key type) for ends of wire	190 "
Sockets, brass, jointing " " " "	39 "
Fuse points, porcelain, naples couch	19 "
Switches, knife, porcelain	3 "
Switches, knife, automatic	3 "
Transformer, 6000 V to 50 V, intake 260V, output 125V, type 50-70, 3 phase, No. T180	1 "
Wire, copper, rubber covered - 4 core, 4 sq. mm.	3 Kgs.
Wire, copper, rubber covered - 2 core, 2 sq. mm.	21 "
Wire, copper, rubber covered - 3 core, 3 sq. mm.	31 "
Wire, copper, rubber covered - 4 core,	

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, 13 strand	123	
Junction boxes, interior, 3-phase	8	Each
Metre, electric, kilowatt - ore 260/115V, 3 x 15 amp, 3-phase, 1 K.W. hour = 450 Rev. of disc.	1	Each
Switches, knife, 3 pole	20	"
" , rotor, porcelain	1	"
" , " , bakelite	2	"
Lamps, inspection, w/guard (Carr. & Wagon)	5	"
Bases, wood, wall switches	200	"
Bases, porcelain, wall switches	16	"
Buttons, porcelain, for fixing wire to wall	28	"
Plugs, bakelite, 3-phase, conch	31	"
Sockets, bakelite & porcelain, 3-phase	50	"
Reducers, amp. 600 - 5 amp.	4	"
Caps, copper (key type) for ends of wire	150	"
Sockets, brass, jointing " " " "	39	"
Fuse points, porcelain, naples conch	19	"
Switches, knife, porcelain	3	"
Switches, knife, automatic	3	"
Transformer, 6000 V to 90 V, intake 260V, output 125V, type 50-70, 3 phase, No. T180	1	"
Wire, copper, rubber covered - 4 core, 4 sq. mm.	3	Kgs.
Wire, copper, rubber covered - 2 core, 2 sq. mm.	21	"
Wire, copper, rubber covered - 3 core, 3 sq. mm.	31	"
Wire, copper, rubber covered - 4 core, 5 sq. mm.	18	"
Wire, copper, rubber covered - 3 core, 2 sq. mm.	10	"
Wire, copper, rubber covered - 3 core	19	"
" " " " 4 core	16	"
" " " " 4 core, heavy	32	"
Wire, aluminium, cotton covered, 7 strand, 20 sq. mm.	127	"
Wire, aluminium, cotton covered, 7 strand	19	"
Wire, copper, cotton covered - 1 strand	9	"
" " " " - 1 core x 7	18	"
Cable, aluminium, lead covered -		
3 core, 32 sq. mm.	29	"
3 " , 22.5 sq. mm.	270	"
3 " , 25.5 sq. mm.	107	"
3 " , 40 sq. mm.	79	"
3 x 7, 30 sq. mm.	151	"
3 x 1, 32.5 sq. mm.	368	"

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At S.A.C.F.E.M. Works, Arezzo, under control of Director of Th. (Wr) Cont'd.

Cable, aluminium, lead covered - 3 x 1, 35 sq. mm.	202 Kgs.
3 x 1	107 "
3 x 1, 16 sq. mm.	610 "
Cable, copper, lead covered, 2 x 2.25	21 "
" " " " 2 x 2[illegible]	69 "
" " " " 2 x 20	27 "
" " " " 2 x (not known)	10 "
Wire, copper, bell, cotton covered	1½ "
" " " , not covered, 1 mm.	2 "
" , brass, bell, not covered, ½ mm.	10 "

Motors:

Make	H.P.	Volts	Amps.	Revs.	Freq.	Amt.
Brown-Boveri	9.	260	19.5	1500	50	1 No.
G. Ferraris	6.	200	-	1450	50	1 "
Savigliano	8.	200	23.5	1430	50	1 "
F. Pontoux	1.75	220	-	2800	50	1 "
Marelli	10	150/260	58.8	1400	50	1 "
Marelli	4.	250/430	112/65	955	50	1 "
Marelli	4.	250/430	112/65	955	-	1 "
Bottoon Piacentini	1.	220	-	800	42	1 "
Brown-Boveri	4.	260	9.6	1500	50	1 "
C.G.E.	3.75	250	-	950	50	1 "
G. Ferraris	6.	200	-	1450	50	1 "
Marelli	3.	220	8.25	1450	50	1 "
Marelli	4.	250	10.5	950	50	1 "
G. Ferraris	5.	200	-	1430	50	1 "
Saviglianno	0.75	220	3.	1380	50	1 "
C.G.E.	3.75	250	-	950	50	1 "
Savigliano	-	-	-	-	-	1 "
San Giorgio	7.	220 Stri. 138 Rot.	26.5	950	50	1 "
C.G.E.	4.2	260	-	705	50	1 "
Brown-Boveri	6.	220	14.5	1435	-	1 "
C.E.P.	25.	220	65.	955	50	1 "
Alyoth	-	200	90.	965	50	1 "
Savigliano	20.	200	62.	960	-	1 "
G. Electro-tecnico	0.2	250	1.15	950	50	1 "
-	2.5	200	8.5	945	50	1 "
Marelli	4.	250/430	11.2 6.5	955	50	1 "
O.P.M.	3.8	220	11.9	1400	50	1 "
C.G.E.	3.75	250	-	950	50	1 "
Savigliano	1.5	220	4.75	1400	50	1 "
A.E.G.	15.	200	43.5	1450	50	1 "
Brown-Boveri	37.	ST 260				

	6.	260	-	1450	50	1	Ea.
Savigliano	8.	200	23.5	1430	50	1	"
F. Fontana	1.75	220	-	2800	50	1	"
Marelli	10	150/260	38.8	1400	50	1	"
Marelli	4.	250/430	112/65	955	50	1	"
Marelli	4.	250/430	112/65	955	-	1	"
Bottoon Piacentini	1.	220	-	800	42	1	"
Brown-Boveri	4.	260	9.6	1500	50	1	"
C.G.E.	3.75	250	-	950	50	1	"
G. Ferraris	6.	200	-	1450	50	1	"
Marelli	3.	220	8.25	1430	50	1	"
Marelli	4.	250	10.5	950	50	1	"
G. Ferraris	5.	200	-	1430	50	1	"
Savigliano	0.75	220	3.	1580	50	1	"
C.G.E.	3.75	250	-	950	50	1	"
Savigliano	-	-	-	-	-	1	"
San Giorgio	7.	220 Stat.					
		130 Rot.	20.5	950	50	1	"
C.G.E.	4.2	260	-	700	50	1	"
Brown-Boveri	6.	220	14.5	1435	-	1	"
C.E.P.	25.	220	65.	955	50	1	"
Alyoth	-	200	90.	565	50	1	"
Savigliano	20.	200	62.	960	-	1	"
G. Elettrotecnico	0.2	250	1.15	950	50	1	"
-	2.5	200	8.5	945	50	1	"
Marelli	4.	250/430	11.2				
			6.5	955	50	1	"
O.P.M.	3.8	220	11.9	1400	50	1	"
C.G.E.	3.75	250	-	950	50	1	"
Savigliano	1.5	220	4.75	1400	50	1	"
A.E.G.	15.	200	43.5	1450	50	1	"
Brown-Boveri	37.	ST 260					
		ROT 140	90.	750	50	1	"
Gadda	8.	240	-	1450	50	1	"
C.G.E.	18.	250	-	955	50	1	"
Gadda	-	-	-	-	-	1	"
Marelli	6.8	127					
		220	33.4	1305	45	1	"
Marelli	1.15	150					
		260	6/35	930	50	1	"
Guzzi & Navizzo	30.	220	77.	960	50	1	"
A.E.G.	5.	215	14.	1430	50	1	"
Marelli	7.5	127	35.3				
		220	24.4	1455	50	1	"
Marelli	5.	220	14.	1440	50	1	"
Guzzi & Navizzo	30.	220	77.	960	50	1	"
-	2.5	200	8.5	945	50	1	"

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At S.A.O.P.E.M. WORKS. Arbano, under control of Director of Tn. (Ir). Cont'd.

Motors, (Cont'd)

Make	HP	Volts	Amps.	Rev.	Freq.	Amt.
Marelli	2.5	144/250	16/9.2	715	50	1 Each
Grugnola & Solari	6.	220	17.8	1400	50	1 "
San Giorgio	2.5	220	8	950	50	1 "
San Giorgo	6.5	220/141	18.2/25	1410	50	1 "
C.G.E.	18.	250	-	955	50	1 "
Bergmann	1.75	500	3.1	1200	-	1 "
Marelli	-	160	56.	730	-	1 "
Generale	7.5	250	-	950	50	1 "
Officine. Elect.	8.5	220	4.5	435	50	1 "
Marelli	7.5	250/450	1.62/9.4	-	50	1 "
Generale	10.	250	-	950	50	1 "
Marelli	4.	250	10.3	-	50	1 "
Marelli	8.5	260	2/0.1	-	50	1 "
Marelli	3.5	220/380	11/6.4	-	42	1 "
Generale	4.5	250	-	1410	50	1 "
Generale	3.75	250	-	950	50	1 "
Generale	7.	220/380	-	1190	42	1 "
Savigliano	6.	200	18.5	950	50	1 "
Marelli	-	145/250	4.9/2.6	1400	-	1 "
San Giorgo	2.	260	5.	940	50	1 "
A.E.G.	15.	245	46.	1465	50	1 "
Bottoon Pincen-tini	7.5	260	16.6	1400	50	1 "

At DITTA MAIRIGALL BRUNETTO. Via Senese 233, Florence, under control of AMG, 5th Army.

Sockets, normal type	15 Each
Switches, unipolar	3 "
Switches, deviator type	9 "
Plugs, male	11 "
Plugs, female, in bakelite	18 "
Fuse box, "Tabacchiera" type	7 "
Switch, type to be incased in wall	22 "
Outlet box, type to be incased in wall	2 "
Wall plug, female, type to be incased	5 "
Electric bells	1 "
Sockets, with base for application to wall	10 "
Switch, type "Blocco"	10 "
Switch, deviator type	11 "
Sockets, g size opening	3 "
Sockets, porcelain	2 "
Fuse, unipolar	3 "
Electric cord, silk covered, for electric bell	75 meters
Electric wire, insulated, for electric bell	100 "
Switch, tripolar, 60 volts	1 Each
" " , 300 "	1 "

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[illegible]	4.	250	10.3	-	50	1	"
Marelli	8.5	260	2/0.1	-	50	1	"
Marelli	3.5	220/380	11/6.4	-	42	1	"
Generale	4.5	250	-	1410	50	1	"
Generale	3.75	250	-	950	50	1	"
Generale	7.	220/380	-	1190	42	1	"
Saviglíano	6.	200	18.5	950	50	1	"
Marelli	-	145/250	4.8/2.6	1400	-	1	"
San Giorgo	2.	260	5.	940	50	1	"
A.E.G.	15.	245	46.	1465	50	1	"
Bottoon Piacentini	7.5	260	16.6	1400	50	1	"

At DITTA MAIRIGALI BRUNETTO, Via Senese 233, Florence, under control of AMG, 5th Army.

Sockets, normal type	15	Each
Switches, unipolar	3	"
Switches, deviator type	9	"
Plugs, male	11	"
Plugs, female, in bakelite	18	"
Fuse box, "Tabacchiera" type	7	"
Switch, type to be incased in wall	22	"
Outlet box, type to be incased in wall	2	"
Wall plug, female, type to be incased	5	"
Electric bells	1	"
Sockets, with base for application to wall	10	"
Switch, type "Blocco"	10	"
Switch, deviator type	11	"
Sockets, $\frac{1}{2}$ size opening	3	"
Sockets, porcelain	2	"
Fuse, unipolar	3	"
Electric cord, silk covered, for electric bell	75	meters
Electric wire, insulated, for electric bell	100	"
Switch, tripolar, 60 volts	1	Each
" " , 300 "	1	"
" , bipolar , 200 "	2	"
" , tripolar, 320 "	1	"
Transformers, 5 watt	1	"
Switches, bipolar	2	"
Electric wire, insulated, aluminium, 12/510	300	meters
" " " " , 1x5	200	"
" " " " , 1x2	100	"
" " " " , 4 mm, paint insulated	42	"
Electric wire, insulated, aluminium, 1x5, paint insulated	70	"

At DITTA COPPINI LUIGI, Via Ghibellina, 34R, Florence, under control AMG, 5th Army.

Switches, outside type, bakelite	205	Each
" " " " , deviator	230	"
Plugs, outside type, bakelite	110	"
Plugs, female, tripolar, 15 amps.	15	"
Plugs, male, tripolar, 15 amps.	12	"
Distribution box, porcelain	8	"

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At DITTA COPPINI LUIGI, Via Ghibellina, 34R, Florence, under control of AMG, 5th Army. Cont'd.

Switches, in cast iron box with opening for insulating tubes of "Belmel" type	8 Each
Distribution box, (without external mechanisms)	35 "
Fuse box, for Edison type fuse, porcelain	21 "
Electric bells, 4 volts	6 "
Plugs, male, normal type, assorted, bakelite	35 "
Sockets, assorted	45 "
Electric light bulbs, tubular, 25 watt	15 "
Electric cord, 2 strand, gauge 0.35	300 meters
Conductors of various length sections, various types	600 "

At I. GUIDO CORRIE, Via 27 Aprile, 11, Florence, under control of AMG, 5th Army.

Electric cord, aluminium, bare, cross section gauge, 100 mm.sq.	30 meters
Switches, types various, for electric light	36 Each

At COMPAGNIA ELETTRICA DI G. TORZUOLI, Via dei Servi, 2 R, Florence, under control of AMG, 5th Army.

Switch, single throw, for electric bell	10 Each
Switch-on-cord, push button type, pear shaped	8 "
Push-button switch for electric bell, bakelite	4 "
Electric bells, second hand	7 "
Plugs, female, normal type, bakelite	10 "
Switch, push button type, for electric lights	6 "
Wall switch, type to be incased, unipolar	6 "
" " " " " " , bipolar	5 "
Wall plug, female, type to be incased, commutator model	6 "
Wall switch, type to be incased, commutator model	4 "
Fuse holder box, tabacchiera type	11 "
Fuse receptical, for pannel board mounting	5 "
" " , for outside	6 "
Wall switch, bipolar	24 "
Switch, commutator type (for multiple light control)	12 "
Switches, assorted	24 "
Sockets, mignon size (smaller than Edison normal) with key	10 "
Sockets, normal Edison size	24 "
Sockets, with base for wall application	10 "
Sockets, with curved base for wall application	10 "
Plug, female, 15 amps.	23 "
Plug, male, 15 amps.	22 "
Plug, female, 15 amps, type for extension cord	12 "
Plugs, male, normal type, assorted types, 6 amps.	150 "
Plugs, female, normal type, 6 amps.	150 "
Plugs, male, triple prong, 6 amps.	10 "
Rosettes for ceiling drop cords	15 "

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Electric cord, aluminium, bare, cross section gauge, 100 mm.sq.	30 meters
Switches, types various, for electric light	36 Each

At COMPAGNIA ELETTRICA DI G. TORZUOLI, Via dei Servi, 2 R, Florence, under control of ASC, 5th Army.

Switch, single throw, for electric bell	10 Each
Switch-on-cord, push button type, pear shaped	8 "
Push-button switch for electric bell, bakelite	4 "
Electric bells, second hand	7 "
Plugs, female, normal type, bakelite	10 "
Switch, push button type, for electric lights	6 "
Wall switch, type to be incased, unipolar	6 "
" " " " " " , bipolar	5 "
Wall plug, female, type to be incased, commutator model	6 "
Wall switch, type to be incased, commutator model	4 "
Fuse holder box, tabacchiera type	11 "
Fuse receptical, for panel board mounting	5 "
" " , for outside	6 "
Wall switch, bipolar	24 "
Switch, commutator type (for multiple light control)	12 "
Switches, assorted	24 "
Sockets, mignon size (smaller than Edison normal) with key	10 "
Sockets, normal Edison size	24 "
Sockets, with base for wall application	10 "
Sockets, with curved base for wall application	10 "
Plug, female, 15 amps.	23 "
Plug, male, 15 amps.	22 "
Plug, female, 15 amps, type for extension cord	12 "
Plugs, male, normal type, assorted types, 6 amps.	150 "
Plugs, female, normal type, 6 amps.	150 "
Plugs, male, triple prong, 6 amps.	10 "
Rosettes for ceiling drop cords	15 "
Distribution boxes, type to be incased	20 "
" " " " " " , large size	50 "
Electric cord, assorted gauges, various length sections	150 meters
Telephone cord, assorted gauges, various length sections	150 "
Electric cable, varnish cloth insulated, assorted gauges, various length sections	30 "
Electric wire, black insulation, assorted gauges, various length sections	100 "
Push-button for electric bells	5 Each
Plugs, female for extension cord, 6 amps.	16 "

At MONTECATTINI VAL di CHIANA (about 10 miles due west of Volterra), under control of AC.

Switch, tripolar, tin type, of 25 amps.	20 Each
Switch, tripolar, tin type, of 10 amps.	20 "
Switch, bipolar, common type, of 20 amps.	10 "
Switch, unipolar, common type, of 20 amps.	10 "
Motor switch, remote control, tripolar, 25 amps, wound reel 260 volts 50 hz	2 "

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At MONTECATINI VAL DI CECINA (about 10 miles due west of Volterra), under control of AC.

Bulbs, 160 volts, 100 watts	350 Each
Bulbs, 160 volts, 40 watts	280 "
Bulbs, 160 volts, 25 watts	210 "

At SOC. E. MARELLI & C., Ancona, under control of AC.

Electrical triphase motors of power 1.5 HP	4 Each

At CANTIERI NAVALI RIUNITI, Ancona, under control of C-in-C Med.

Electrical cable, rubber, lead and armoured covered, various	5 Tons

At NOPEL WERKS, Pretola, under control of AC.

Transformer 30000/460	1 Pcs.

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INDUSTRIAL GASES & CHEMICALS

At LINOLEUM - SALPA SP. A., Narni Scalo, under control of AC.

Caustic Soda — 12 Tons (Approx.)

At SOC. TERNI - STABILIMENTI ELLETRO-CHIMICI, Nera Montoro, under control of AC.

Gas containers, various sizes and types — 200 Each (Approx.)

At, S.A.C.F.E.M. WORKS, Arezzo, under control of Director of Tn. (Br).

Carboys, glass, for acid — 4 Each

At MONTECATINI, Leghorn, under control of AC.

Soda Ash — 55 Tons

At VETRERIA SCROFIANESE, Scrofiano, under control of AC.

Soda solvay — 40 Qls.

At CARTIERE PIETRO MILIANI, Fabriano, under control of AC.

Soda ash — 2,537 Kilos
Caustic Soda — 267 "

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ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
ENGINEERING MATERIALS COMMITTEE.

INDUSTRIAL GASES SUB-COMMITTEE - MINUTES

20 JAN 45.

1. A Meeting of this Sub-Committee was held in the Allied Force Local Resources Section Conference Room at 1430 hours on Saturday, January 20th, 1945.

2.

Present:-	Representing:-
Captain J.HUSTON McCLANE, C.E.	C.E., PBS.
Lieut. J.A.MOREIL, R.N.V.R.	C-in-C., Med.
Lieut. Geo. S.SCHULTZ	AAFSC/MTO.
Major W.D.NEWMAN	Ord (Br), AFHQ.
Captain F.SHIDWELL	94th G.G.D., SAEC.
Major Harry C.DOWSON	AAFSC/MTO.
Captain Arthur C.KEPPLINGER	AAFSC/MTO.
Major E.H.ADAMS	C.E., MTOUSA.
F/Lieut.J.ASPDEN	214 Group, RAF.

3. In the unavoidable absence of Major MacDONALD, C.E., PBS, Captain J. HUSTON McCLANE was asked to take the Chair.

4. The Minutes of the meeting od December 16th, 1944 were read and approved.

5. Arising out of Minute 5 of the last meeting, Lieut.MOREIL submitted a list of materials required to manufacture 2,000 British valves and 500 French valves. All Services were asked to advise Lieut.MOREIL, c/o Chief Naval Officer ROME, of any material they had available and he would arrange collection. (Appendix "A").

6. Arising out of Minute 7 of the last meeting Captain SHIDWELL reported to the meeting that the question of electric power was becoming serious, and Captain McCLANE concurred, reporting that the FLORENCE plant was unable to work to full capacity owing to the low voltage and frequent interruptions in the supply of current, as much as 12 hours production each day being lost. Major DOWSON stated that this was very serious from an operational standpoint, as demands for Industrial Gases would, within the next two months, be sharply increased for operational commitments and it was vitally necessary that all plants work to full capacity. The meeting agreed that its parent Committee be asked to stress very strongly with the Board the points raised in Minute 7 of the last meeting.

7. The Chairman tabled a letter from AAFSC/MTO asking that allocations of gases be made against plants so that there would be no difficulty in Services obtaining their requirements. This was agreed and it was also agreed that allocations made at this meeting should be in the form agreed.

2109

Captain	J.HUSTON McCLANE, C.E.	C.E., PBS.
Lieut.	J.A.MORELL, R.N.V.R.	C-in-C., Med.
Lieut.	Geo. S.SCHULTZ	AAFSC/MTO.
Major	W.D.NEWMAN	Ord (Br), AFHQ.
Captain	P.SHIMWELL	94th C.G.D., SAEC.
Major	Harry C.DOWSON	AAFSC/MTO.
Captain	Arthur C.KEPPLINGER	AAFSC/MTO.
Major	E.H.ADAMS	C.E., MTOUSA.
F/Lieut.	J.ASPDEN	214 Group, RAF.

3. In the unavoidable absence of Major MacDONALD, C.E., PBS, Captain J. HUSTON McCLANE was asked to take the Chair.

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2109

8. Services requirements of Oxygen and Acetylene, together with production reports, were then answered. (Appendix "B"), and it was requested that Services operating the plants advise the plants of the Services to whom allocations had been made.

9. Major DOWSON proposed that where British plants were likely to lose production through lack of cylinders for filling they advise the nearest American depot and vice-versa with the American plants. In this way no plant need be idle for lack of cylinders to fill. Major NEWMAN agreed and Services were asked to advise their plants of this decision.

10. Captain McCLANE reported that the FLORENCE plant had been held up for lack of raw material and as there seemed some misunderstanding as to which Service was responsible for the supply of raw material, Major NEWMAN and Major ADAMS were asked to investigate and take action and report to the next meeting.

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11. Major DOWSON pointed out that the difficulties experienced in allocation of supplies at this meeting were probably due to over-estimation of requirements, and he suggested that Services bring to the next meeting actual consumption figures in months for the last three months, i.e., NOVEMBER, DECEMBER and JANUARY, so that a more true picture of requirements could be obtained. This was agreed and Services were asked to obtain these figures for the next meeting.

12. There being no further business, the date of the next meeting was fixed at 1430 hours on Saturday, February 17th, 1945.

J. ASPDEN, F/LT., RAF.
Secretary, for Chairman,
INDUSTRIAL GASES SUB-COMMITTEE.

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10/11	ALFSC/MTO.
12/13	HQ, 21A Group, RAF.
14/17	Air Forces Sub-Commission, HQ AC.
18/19	Navy Sub-Commission, HQ AC.
20/21	9A C.C., DEALSC.
22	Engineer Section, PBS.
23	Files.
24/36	Spares.

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Ref. Para 5, Industrial Cases Sub-Committee - Minutes (Meeting of 16 Dec 44).

APPENDIX "A"

Production of Valves for gas cylinders by Outside Production Officer, NAPLES.

(a) Materials required for manufacture of 2000 British Valves:-

Valve Bodies	-	Scrap Brass	-	6 tons
Spindles	-	Stainless steel bar	-	500 feet, $\frac{3}{8}$" diameter
Gland Nuts	-	Hexagonal brass bar	-	300 feet, $1\frac{1}{8}$" side
Gland Packing	-	Leather	-	15 square feet

(b) Materials required for manufacture of 500 French Valves:-

Valve Bodies	-	Mild steel bar	-	300 feet, $1\frac{3}{16}$" square
Gland Nuts	-	" " "	-	100 feet, $1\frac{1}{2}$" (hexagonal) side
Gland Bushes	-	" " "	-	40 feet, $\frac{3}{8}$" diameter
Spindles	-	Stainless steel bar	-	200 feet, $\frac{3}{8}$" "
Filter Clips	-	Spring steel	-	200 feet, $\frac{5}{64}$" "
Filters	-	Steel Mesh	-	2000 sq. inches (40 mesh - 1 square inch)
Filter Material	-	Hair	-	15 lbs

Provision of these materials would mean an output of 120 British and 40 French type valves per week.

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APPENDIX "B"

IN CUBIC FEET

PLANT	PRODUCTION Oxygen	Acetylene	SERVICE	ALLOCATIONS Oxygen	Acetylene
ROME	800,000	500,000	Ord (Br).	216,000	99,000
			P.B.S.	600,000	401,000
TERNI	3,000,000	400,000	R.N.	318,000	
			Ord (Br)	1,372,000	39,000
			P.B.S.	1,100,000	390,000
FLORENCE	600,000	300,000	Ord (Br)	200,000	90,000
			P.B.S.	400,000	210,000
NAPLES					
CASTELLAMARE	400,000	630,000	Ord (Br)	400,000	400,000
ILVA	500,000		R.N.	53,000	55,000
			AAFSC/MTO	447,000	200,000
S.I.O. 1	1,250,000)		AAFSC/MTO	2,500,000	
S.I.O. 2	1,250,000)			(600,000 Air Corps supply for Engineer Adriatic)	
S.O.N.	1,200,000	680,000	P.B.S.	1,000,000	680,000
			AAFSC/MTO	200,000	
PIOMBINO	267,000		R.N.	267,000	
BARI					
S.I.O.	550,000	200,000	AAFSC/MTO		45,000
			R.N.	260,000	18,000
			Ord (Br)	240,000	137,000
			R.A.F.	50,000	
TARANTO	350,000	160,000	R.N.	350,000	110,000
			AAFSC/MTO	250,000	50,000
			R.A.F.	250,000	
ANCONA		400,000	Ord (Br)		185,000
			R.N.		68,000

It is hoped that any over-allocations made will be more theoretical than real, as in the past experience has proved this to be the case.

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ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
ENGINEERING MATERIALS COMMITTEE.

INDUSTRIAL GASES SUB-COMMITTEE - MINUTES

AMENDMENT

30 January 1945.

Reference para.5 of the Minutes of the meeting of the Industrial Gases Sub-Committee held on 20 January 1945, the address of Lieut.S.G.S.MORRELL (RNVR) should read:-

c/o Senior British Naval Officer,
ROME (Telephone ROME 478646/7).

S.J.B.LOUDEN,
Major, DAQMG.
for Chiefs of Section.
A.F.L.R.S.

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10/11	AAFSC/MSC.
12/13	HQ, 214 Group, RAF.
14/17	Air Forces Sub-Commission, HQ AC.
18/19	Navy Sub-Commission, HQ AC.
20/21	24 C.G., DELAIC.
22	Engineer Section, PBS.
23	Lieut.S.G.S.MORRELL (RNVR), c/o Senior British Naval Officer, ROME
24	File
25/36	Spares

2107

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Tel. 478730

Ref: 4003/71/ORS. 13 January 1945.

Subject: Chairmanship of Engineering Materials Committee.

To: Brigadier A.A. CURRY,
Chief of Section (Mr),
A.P.L.R.B.

Reference your 1A3/213/28 of 12 January 45, this H.Q. concurs with your proposal.

M. S. LUSH
Brigadier,
Chief of Staff.

Brig. Anderson Chairman (EMC)
AFLRB

see Minute 79
2106

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(76)

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

Postal Address :
AFLRS, Rome Area
Allied Command,
C.M.F.
TEL : ROME 66275

LRS/212/28.

12 January 1945
JAN 12 1945

SUBJECT : Chairmanship of Engineering Materials Committee.

TO : Chief of Staff, HQ, AC.

1. In view of the reorganisation which has taken place in AFHQ resulting in the formation of a Directorate of Engineer Production & Stores, Brigadier EDWARDS, DW, AFHQ is no longer directly interested in the work of the Engineering Materials Committee.

2. It has been agreed by the MGRE, Major General HOLLAND, that Brigadier ANDERSON (Director of Engineer Production & Stores) should become Chairman of the Engineering Materials Committee, in place of Brigadier EDWARDS.

3. This proposed change has been agreed at AFHQ and it is requested that you forward your concurrence.

A. A. CURRY, Brigadier,
Chief of Section (Br),
A.F.L.R.S.

2105

See (78)

SJBL/cm.

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COS (73) 7127

COPY NO: 13

ALLIED FORCE LOCAL RESOURCES SECTION
A.P.H.Q.

LRS/215.

Postal Address :
AFLRS, Room Area
Allied Commission,
C.M.P
TEL : RMB 66279

2 January 1945

JAN - 3 1945

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES

42. The Eighteenth meeting of the Engineering Materials Committee was held at 0930 hrs, Tuesday, 2 JAN 45 in the AFLRS Conference Room, RMB.

PRESENT:

Chairman

Brigadier D.L. ANDERSON, CBE
(Director of Engineer Production & Stores AFHQ)

Representatives of:

C-in-C, Med
CE, AFHQ
Director of Eng. Prod. & Stores AFHQ
Signal Service (Am), AFHQ
Ord (Br), AFHQ
CS, MTOUSA
DMR, ITALY
HQ, AC
A.P.S.C/LRS)
21A Group RAF

In Attendance:

Chief of Section, LRS, AFHQ
and Representatives of
Economic Section, HQ, AC
Commerce Sub-Commission, HQ, AC
Ord., MTOUSA
Engineers Section, PBS South
Ord., PBS
Engineers Section, PBS

43. In the absence of Brigadier H.R. HARRIS, Brigadier D.L. ANDERSON, CBE took the chair.

42. The Eighteenth meeting of the Engineering Materials Committee was held at 0930 hrs, Tuesday, 2 JAN 45 in the AFHQ Conference Room, PRUE.

PRESENT:

Chairman

Brigadier D.L. ANDERSON, CBE
(Director of Engineer Production & Stores AFHQ)

Representatives of:

C-in-C, Med
CE, AFHQ
Director of Eng. Prod. & Stores AFHQ
Signal Service (Ad), AFHQ
Ord (Ar), AFHQ
CE, MTOUSA
DMR, ETOUSA
HQ, AC
AAFSC/ATC
21st Group RAF

In Attendance:

Chief, J Section, ...LLIED, AFHQ
and Representatives of
Economic Section, HQ, AC
Commerce Sub-Commission, HQ, AC
G2A, MTOUSA
Engineers Section, PBS South
Ord., PBS
Engineers Section, PBS

43. In the absence of Brigadier B.B. ...DD, Brigadier D.L. ANDERSON, CBE took the chair.

44. The minutes of the Seventeenth meeting were received and approved. 2104

ALLOCATION OF CAUSTIC SODA

45. The instructions regarding the allocation of Caustic Soda made at the meeting of the Board held on 23 DEC 44 were considered and it was agreed that the use of Caustic Soda obtained from local resources be limited to the following four items :-

(i) Oxygen production
(ii) Emulsification of Bitumen
(iii) Soap manufacture
(iv) Olive oil extraction.

The reported availability of Caustic Soda amounting to 21.4 tons of solid and 8,931 Kgs of liquid was allocated equally between Engineer Production & Stores, AFHQ and CE, PBS for the purpose of oxygen production and emulsification of bitumen. The availability was insufficient to meet the total military requirements for these two purposes and there was consequently no balance available for soap manufacture and olive oil extraction.

see Minute 74

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ALLOCATION OF SODA ASH.

46. The following allocations of Soda Ash were made :-

Ord., PBS	2 tons
Eng. Production & Stores, AFHQ	2 tons
Ord (Sr), AFHQ	150 tons
AC	100 tons

The allocation of the remaining availability of 1,146 tons at SOLVAY, ROSIGNANO was deferred until the next meeting.

STEEL PRODUCTION ALLOCATION

47. The following bids submitted by services were accepted for the month of February against the production of the steel mills operating under the control of the Director of Engineer Production & Stores :-

Service	Sections	Plates	Sheets
D.Eng. Production & Stores	150	510	1,500
C-in-C, Med	50	150	--
M.E.S.S.	25	112	11
CE, PBS	582	174	300
R.F		6.5	
A.C.	1,500	100	400
	2,417 tons	1,052.5 tons	2,211 tons

The acceptance of the above bids was subject to the requirements of Electric Power at the Terni works being made available as anticipated.

The Director of Engineer Production & Stores requested services to ensure that material allocated to them was collected with the minimum of delay to avoid congestion at the mills.

Interested services were requested to notify the Director of Engineer Production & Stores, AFHQ of the details of sizes, types, etc., in accordance with the catalogues circulated by DW HQ AAI, which they require against their allocation.

ALLOCATION OF CONTROLLED MATERIALS

48. Allocations were made against the unallocated balance of items carried forward from the last meeting and against reported availabilities of controlled items. AFHQ, AFHQ was requested to issue the necessary release orders.

INDUSTRIAL GASES SUB-COMMITTEE

49. The minutes of the meeting of the Industrial Gases Sub-Committee held on 16 DEC 44 were received and noted. (See Part [illegible] ante)

Declassified E.O. 12356 Section 3.3/NND No. 785017

STEEL PRODUCTION ALLOCATION

47. The following bids submitted by services were accepted for the month of February against the production of the steel mills operating under the control of the Director of Engineer Production & Stores :-

Service	Sections	Plates	Sheets
D.Eng. Production & Stores	150	510	1,500
C-in-C, Navy	50	150	--
M.R.S.	35	112	11
CE, PRS	582	174	300
RAF		6.5	
M.C.	1,500	100	400
	3,417 tons	1,052.5 tons	2,211 tons

The acceptance of the above bids was subject to the requirements of Electric Power at the Terni works being made available as anticipated.

The Director of Engineer Production & Stores requested services to ensure that material allocated to them was collected with the minimum of delay to avoid congestion at the mills.

Interested services were requested to notify the Director of Engineer Production & Stores, AFHQ of the details of sizes, types, etc., in accordance with the catalogue circulated by BW HQ AAI, which they require against their allocation.

ALLOCATION OF CONTROLLED MATERIALS

48. Allocations were made against the unallocated balance of items carried forward from the last meeting and against reported availabilities of controlled items. AFHQ, AFHQ was requested to issue the necessary release orders.

INDUSTRIAL GASES SUB-COMMITTEE

49. The minutes of the meeting of the Industrial Gases Sub-Committee held on 16 IMC 44 were received and approved (Circulated as Appendix "B" to Agenda).

The Committee recommended to the Board that the Electric Power Committee be requested to make available an [illegible] amount of electric power at TERNI (600 Kw per day for eight hours) and that supply of electric power to all gas producing plants be recognised as being of first priority in the event of it being necessary for supply to be cut off temporarily from certain consumers.

CONTROL OF OLEINE

50. The Committee decided not to recommend that Oleine becomes "controlled" in view of an assurance by BW, MC that first priority on the supply of this material will be given to the military.

/SECRET.....

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(72)

CREDIT

51. In view of the decision made at the Board meeting held on 23 DEC 44 (para 22(a) of the minutes refer), that Cement be made a restricted item except when produced in factories under Allied Armed Forces control and/or in the case of plants located in Army areas, HQ AC representative withdrew the suggestion submitted as item 9 of the Agenda.

CHANGES OF MEMBERSHIP

52. It was recommended to the Board that:

(a) CE, ICS be elected to membership of the Committee;

(b) the appointments made by the then SCAEF Italy to the Committee be cancelled in accordance with request received.

NEXT MEETING

53. The nineteenth meeting of the Committee will be held at [illegible], Monday, 12 FEB 45 in the AFHQ (AFN) Conference Room, ROME.

W.J.F. LOWER, Major, INFAN,
Secretary,
A. F. L. B. (ITALIAN) BOARD.

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(b) the appointments made by the Section C.C.S.O Italy to the Committee be cancelled in accordance with request received.

NEXT MEETING

53. The nineteenth meeting of the Committee will be held ... 5 p.m. Monday, 12 FEB 45 in the AFHQ (APW) Conference Room, ROME.

S.J.E. LOVELL, Major, R.A.O.C.,
Secretary,
A. F. H. Q. (ITALIAN) BOARD.

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121/145	Spares.

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...Sections, MMSB, to consider the following Agenda :-

1. Minutes of the seventeenth meeting held on 27 NOV 44.

2. To consider any matters arising out of the meeting of the Board held on the 23 DEC 44.

3. To receive from DE, HQ 15 Army Group the estimated production in tons of plate, sections and sheet, from steel mills operating under his control for the month of February 1945. (Appendix "A" attached).

4. To receive from JPLRB the consolidated requirements of all Services and AC for steel production from the above plants for the month of February. Such requirements to be submitted to JPLRB 72 hours before the time of the meeting.

5. To make allocations of controlled materials against the unallocated balances of items carried forward from the last meeting, (Appendix "B"), and to release any remaining balances to AC.

6. To make allocations against reported availabilities of controlled items. (Appendix "C".

7. To receive the minutes of the Industrial Gases Sub-Committee meeting of the 15 DEC 44. (Appendix "D").

8. To consider a request submitted by DE, HQ 15 Army Group that Oxygen be included on the list of controlled items.

9. To consider a further request from HQ AT that Cement be included on the 'restricted' list, all cement produced in factories under control of the military or stocks uncovered in Army areas deemed essential for military operational use to be exempted from restriction.

10. Any other business.

11. To set a date for the next meeting.

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S.O.H. LOWEN, Major, R.A.O.C.,
Secretary,
A. M. I. C. (ITALIAN) Board.

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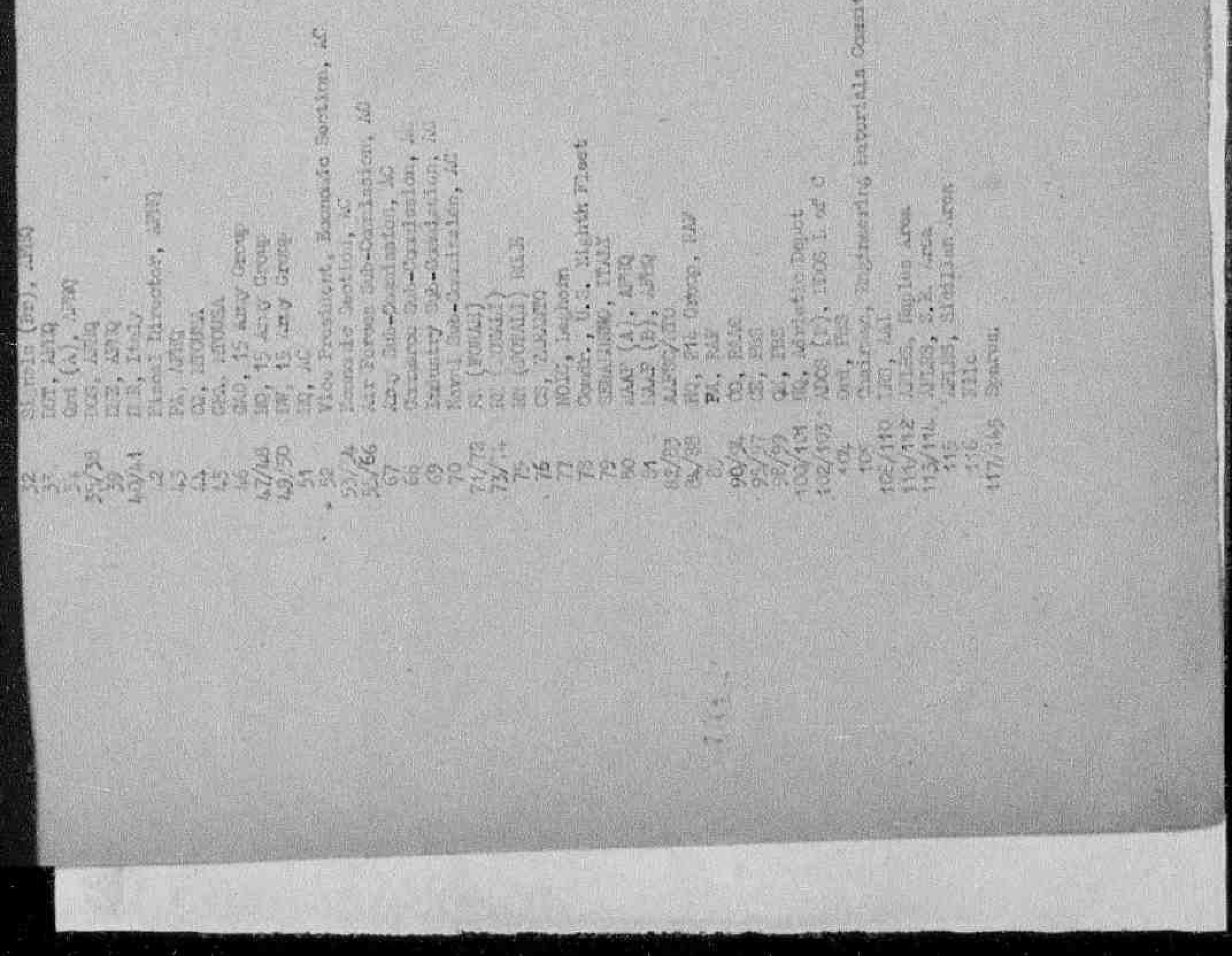

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APPENDIX "A"

APPENDIX "A"

The total estimated production of Steel for February 1945 at all works operating under control of A.F.W., 15 Army Group is as under :-

A	Scottorm	5,000 tons
B	Flatu	1,800 tons
C	Rhuet	1,400 tons

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(B) (2)

UNALLOCATED BALANCE OF MATERIAL FROM MEETING OF 27 NOV 44.

At SPOLETIFICIO R. ESERCITO, Via Flaminia, Rome, under control of AC.

Flexible steel wire 76 Kgs.

At CALASTRI & PACINI, Colle Val d'Elsa, Siena, under control of AC.

Iron wire and scraps 110 Tons

At FRATELLI, Via Appia Nuova, 67, Rome, under control of AC.

Thin Iron wire 1,700 Kgs.

At SOC. AN. FERDINANDO ZANOLETTI, Via Cimabue, 41 R, Florence, under control of AG, 5th Army.

Steel cable, ~~zinc coated~~ galvanised "Commerciale" type, 72 strands of 6 threads each:

m/m	Kgs.
2	2
3	15
4	20
5	10
6	50
7	55
8	100
10	20
12	38

Iron wire, ~~zinc covered~~ galvanised,

No.	Kgs.
11	400
20	100

Iron wire, blank (cooked iron).

No.	Kgs.
6	10
10	150
11	300
12	200

At SOC. AN. FERDINANDO ZANOLETTI, Via Serravalli, 230 R, Florence, under control of AG, 5th Army.

Steel wire, harmonic, for springs "Nazionale".

m/m

At SOC. A. FERDINANDO ZAPOLETTI, Via Cerretani, 230 R. Florence, under control A.G. 5th Army.

Steel cable, galvanized, "Commerciale" type, 72 strands of 6 threads each:

m/m	Kgs.
2	2
3	15
4	20
5	10
6	50
7	65
8	100
10	20
12	30

Iron wire, galvanized.

No.	L/K.
11	400
20	100

Iron wire, black (cooked iron).

No.	Kgs.
6	10
10	150
11	300
12	200

At SOC. A. FERDINANDO ZAPOLETTI, Via Cerretani, 230 R. Florence, under control A.G. 5th Army.

Steel wire, harmonic, for springs "Nazionale",

m/m	Kgs.
3/10	2/5
4/10	8
5/10	7
10/10	2/5
19/10	31
20/10	3
22/10	3
12/20	7

Steel wire, harmonic, for springs, "Nazionale".
in coils of 1 Kg. each,

m/m	Kgs.
2-5	5
30/10	10

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At SOC. AN. FERDINANDO ZANOLETTI, Via Serragli, 230 R, Florence, under control of AMG, 5th Army, Cont'd.

Steel wire for springs, temperable,

No.	Kgs.
5	2
9	6
10	2

At SOC. AN. FERDINANDO ZANOLETTI, Via Cimabue, 43 R, Florence, under control AMG, 5th Army.

Steel rods, caliber, Siederstahl:

m/m	Kgs.
3.5	7
4.0	69
4.25	35
4.75	95
5.0	5
5.25	88
6.25	90
6.75	80
7.0	144
7.25	90
7.75	150
8.25	65
8.75	90
9.0	90
9.5	170
11.0	80

At MALLI GUISEPPE, Borgo S.S. Apostoli, 6, Florence, under control of AMG, 5th Army.

Construction steel, various forms over 150 m/m, various sizes 712 Kgs.

At A.M.M.I., Monte Valerio, Campiglia, Marittima, Livorno, under control of AC.

Pig iron steel for mills 14.3 Tons

At ALBERTO NAZZI & FIGLI, Via Alfani 84-86R, Florence, under control of AMG, 5th Army.

Copper scrap (electrolytic) 1,000 Kgs.

In NORTH AFRICA, under control of Salvage (Br), AFHQ.

Copper scrap 10 Tons

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4.0	35
4.25	95
4.75	5
5.0	88
5.25	90
6.25	80
6.75	144
7.0	90
7.25	150
7.75	65
8.25	90
8.75	90
9.0	170
9.5	80
11.0	

At MEALLI GUISEPPE, Borgo S.S. Apostoli, 6, Florence, under control of AMG, 5th Army.

Construction steel, various forms over 150 m/m, various sizes — 712 Kgs.

At A.M.M.I., Monte Valerio, Campiglia, Marittima, Livorno, under control of AC.

Pig iron steel for mills — 14.3 Tons

At ALBERTO NAZZI & FIGLI, Via Alfani 84-86R, Florence, under control of AMG, 5th Army.

Copper scrap (electrolytic) — 1,000 Kgs.

In NORTH AFRICA, under control of Salvage (Br), AFHQ.

Copper scrap — 10 Tons

~~This material is not required by Services in N...~~

At L. PECCHIOLI G. CANTUCCI, Via S. Zanobi, 25, Florence, under control of AMG, 5th Army.

Lead:

Scrapped music printing plates (8% lead - 6% antimony)	1,500 Kgs.
Scrap from auto batteries	1,450 Kgs.
Copper scrap (non-electrolytic)	50 Kgs.

At ANGIOLO PECORI, Via Antonio Scialoia, 26, Florence, under control of AMG, 5th Army.

Lead, in ingots — ~~[illegible]~~ 850 Kgs.

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at S.A.R.A., Via Gherardo Bartolini, 21, Florence, under control of AMG, 5th Army.

Copper scrap (non-electrolytic)	240 Kgs.
Copper powder	25 Kgs.
Lead, antimonial, scrap	99 Kgs.
Lead, impure	343 Kgs.
Lead, battery, scrap	65 Kgs.
Lead powder	36 Kgs.

at F.LLI TECHI (IND, Benedetto Fortini, 26, Florence, under control of AMG, 5th Army.

Lead, in ingots and part in sheets	1,150 Kgs.

(Note: Lead stock stored at Borgo Pinti, 29R, Florence)

At SOC. AN. FERDINANDO CASCIETTI, Via Circonvallazione, 40 R, Florence, under control of AMG, 5th Army.

Brass, sheets, unfabricated, thickness 1/10	½ Kg.
Copper:	
Light scrap (non-electrolytic)	20 Kgs.
Lead:	
Lead scorie	1,195 Kgs.

At ALFIO GORI, Piazza Duomo, 40 R, Prato, under control of AMG, 5th Army.

Mineral Oil	12½ Kgs.

At "ITALTRASPORTI", Piazza S.M. Novella, 3, Florence, under control of AMG, 5th Army

11 Barrels paint, powder form (for dying leather)	302 Kgs.

At C.I.M.E., Via Ghibellina, 147 R, Florence, under control of AMG, 5th Army.

Electric cable, copper, lead insulated, 2 strand - 8/10	50 Metres
Electric cable, copper, lead insulated, 2 strand - 12/10	100 Metres
Electric cable, copper, lead insulated, 2 strand - 8/10	50 Metres
Electric cable, copper, lead insulated, 2 strand - 12/10	52 Metres
Electric cable, aluminium, lead insulated, 2 strand - 14/10	50 Metres
Electric cable, aluminium, lead insulated, 3 strand - 14/10	50 Metres
Electric wire, copper insulated (black), 25/10	100 Metres

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Brass, sheets, unfabricated, thickness 1/10	1 Kg.
Copper: Light scrap (non-electrolytic)	20 Kgs.
Lead: Lead scorie	1,105 Kgs.

At ALFIO GORI, Piazza Duomo, 40 R, Prato, under control of AMG, 5th Army.

Mineral Oil	12½ Kgs.

At "ITALIAPASPORTI", Piazza S.M. Novella, 3, Florence, under control of AMG, 5th Army.

11 Parrels paint, powder form (for dying leather)	302 Kgs.

At C.I.M.E., Via Ghibellina, 147 R, Florence, under control of AMG, 5th Army.

Electric cable, copper, lead insulated, 2 strand - 8/10	50 Metres
Electric cable, copper, lead insulated, 2 strand - 12/10	100 Metres
Electric cable, copper, lead insulated, 2 strand - 8/10	50 Metres
Electric cable, copper, lead insulated, 2 strand - 12/10	52 Metres
Electric cable, aluminium, lead insulated, 2 strand - 14/10	50 Metres
Electric cable, aluminium, lead insulated, 3 strand - 14/10	50 Metres
Electric wire, copper insulated (black), 25/10	100 Metres
Electric wire, copper insulated (black), 20/10	100 Metres
Electric wire, for bells, aluminium	40 Metres
" " insulated, " ,25/10	800 Metres
" " " " ,20/10	700 Metres
" " " " ,18/10	700 Metres
Electric light fittings:	
Outside switch box	30 Each
Wall switch box	350 Each
Inverter switch box	20 Each
Outside switch box	30 Each
Bell panel board, 30 bell capacity	1 Each
" " " 15 " "	1 Each
" " " 5 " "	1 Each
Ceiling plate for drop cord, assorted	150 Each
Electric bells, assorted	185 Each
Bell outlet box, round shape	2,375 Each
Transformers for bells, "Zeus"	15 Each

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At C.I.M.E., Via Ghibellina, 147 R, Florence, under control of AMG, 5th Army Cont'd-

Electric light fittings: (Cont'd)	
For paper tubes for meter-box insulation	2,500 Each
Snuff box fuses, 6 amps.	50 Each
Automatic fuses, "Zeus", of various amps. (20,10,5 and 20 amps.)	10 Each
Fuses, unipolar and bipolar, various for inside fuse box and outside fuse box (6 & 10 amps.)	25 Each
Electric wire, copper, bare, 30/10	25 kgs.

At CASTILIO CAROCCHI, Via Ghibellina, 75; Via Dei Saponai, 5, Florence, under Control of AMG, 5th Army.

Ceiling plate for drop cord, small sizes, bakelite	980 Each
Ceiling plate for drop cord, large sizes, bakelite	550 Each
Wall switch boxes, lead plated	270 Each
Wall plugs, female porcelain, tripolar, 30 amp.	145 Each
Push-button, switch-on-cord, for electric bell, pearshape, bakelite	798 Each
Bushings	2,300 Each

At ANTICO CAFFARELLI, Via Dante Rossi, 63 R, Florence, under control of AMG, 5th Army

Switches, tumbler style (with plaques)	10 Each
Switch-on-cord, pearshape	65 Each
Sockets, normal	55 Each
Push-button for electric bells	12 Each
Switch-on-cord, pearshape in "galalite"	25 Each
Plugs, male 15 amps.	10 Each
Plugs, female, normal type	77 Each
Plug, for extension cord	26 Each
Sockets, small size (mignon)	5 Each
Fuses, snuff-box type	8 Each
Sockets, with base for wall attachment	50 Each
Transformers, for electric bell	2 Each
" , for alter lights	4 Each
Plug, female triphase, 15 amps.	9 Each

At NICCOLI SEVERINE, Via Dei Neri, 60 R, Florence, under control of AMG, 5th Army.

Sockets, normal size, bakelite	26 Each
Switch-on-cord, pearshape, bakelite, deviator type	17 Each

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bakelite
Ceiling plate for drop cord, large sizes, bakelite — 350 Each
Wall switch boxes, lead plated — 270 Each
Wall plugs, female porcelain, tripolar, 30 amp. — 145 Each
Push-button, switch-on-cord, for electric bell, pearshape, bakelite — 795 Each
Bushings — 2,300 Each

At ANGELO CAPPELLI, Via Dante Rossi, 63 R, Florence, under control of AMG, 5th Army

Switches, tumbler style (with plaque)	10 Each
Switch-on-cord, pearshape	65 Each
Sockets, normal	50 Each
Push-button for electric bells	12 Each
Switch-on-cord, pearshape in "galalite"	25 Each
Plugs, male 15 amps.	10 Each
Plugs, female, normal type	77 Each
Plug, for extension cord	26 Each
Sockets, small size (mignon)	5 Each
Fuses, snuff-box type	8 Each
Sockets, with base for wall attachment	30 Each
Transformers, for electric bell	2 Each
" , for alter lights	4 Each
Plug, female triphase, 15 amps.	9 Each

At NICCOLI SEVERINE, Via Dei Neri, 60 R, Florence, under control of AMG, 5th Army.

Sockets, normal size, bakelite	26 Each
Switch-on-cord, pearshape, bakelite, deviator type	17 Each
Sockets, with base for wall attachment	11 Each
Fuses, snuff-box type, bakelite	9 Each
Plug, male, bakelite, 6 amp.	73 Each
Plug, female for extension wires	15 Each
Outside switch, bakelite, commutator	23 Each
" " " , one-way	46 Each
" " " , inverter type	39 Each
" " " , deviator type	34 Each

At B.G. DINO BIETRI, Via Cavour, 85, Florence, under control of AMG, 5th Army.

BX electric cable, aluminium, lead insulated, 6,000 ? strand 1.5 mmq.	1,500 Metres
" " 1.2 "	800 Metres
" " 2.5 "	500 Metres
3 " 4.0 "	800 Metres
" " 6.0 "	900 Metres
" " 8.0 "	800 Metres

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At R&C, DINO RENZI, 4 Via Cavour, 85, Florence, under control of AMG, 5th Army Centre

Electric wire, copper, insulated	
0.5 mmq.	8,000 Metres
0.75 "	2,000 "
1.0 "	500 "
Electric cable, copper, lead insulated	
2 strand 0.50 mmq.	600 "
3 " 0.75 "	100 "
Telephone cable, copper 6/10	
2 strand	300 "
12 "	1,000 "
16 "	300 "
Electric cable, copper, rubber insulated	
3 strand 4 mmq.	50 "
" " 16 "	50 "

At ERCOLE MARELLI & CO., Florence Branch Office - Via Cavour 4-6, Warehouse - Via Ricasoli, 42 R, Florence, under control of AMG, 5th Army

Motor triphase type MAM 200/8 RM 3f. 115/220-50 - HP 11	1
Motor triphase type MAc, 125/4, RM 3f. 200/346-50; HP 10	1
Motor triphase type MAc, 125/8, RM 3f. 200/346-50; HP 6.25	1
Motor monophase type Vg 75, monophase 127/50; 1 Reostat per detto type RF 1	1
Motor (direct current) type VD8 per ventilator gas; 12 V.	1
Motor triphase type Mc 716, 3f.; 220/380-50; HP 13.5	1
Motor triphase type Mca 416/n, 3f., 260/50 - HP 1.5	1
Motor triphase type Mca 224, 3f., 127/220-45; HP 0.7	8
Motor triphase type MAc 20/4 RM, 3f., 260/450-50, HP 3	1
Motor triphase type MAc 150/8 RM 3f. Horsepower 8.5, 3f., 500/50 " 7.65 3f., 500/45	3
Motor (direct current) type MC 15 RM; HP 1 - 105 Volt; 4 recstat type RBMA 8	6
Motor triphase type Mca 112; 3f. 127/220-50; HP 0.5	1
Motor type Mca, triphase, 124; 3f.; 150/260-50; HP 0.4	1
Motor triphase type Mca 416 - 3f. 190/50; HP 1.5	3

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Motor triphase type MAM 200/8 RM 3f, 115/220-50 - HP 11	1
Motor triphase type MAc, 125/4, RM 3f. 200/346-50; HP 10	1
Motor triphase type MAc, 125/8, RM 3f. 200/346-50; HP 6.25	1
Motor monophase type Vg 75, monophase 127/50; 1 Reostat per detto type RM 1	1
Motor (direct current) type VDB per ventilator gas; 12 V.	1
Motor triphase type Ac 716, 3f.; 220/380-50; HP 13.5	1
Motor triphase type Aca 416/n, 3f., 260/50 - HP 1.5	1
Motor triphase type Aca 224, 3f., 127/220-45; HP 0.7	8
Motor triphase type MAc 20/4 RM, 3f., 260/450-50, HP 3	1
Motor triphase type MAc 150/8 RM 3f. Horsepower 8.5, 3f., 500/50 " 7.65 3f., 500/45	3
Motor (direct current) type MC 15 RM; HP 1 - 105 Volt; 4 reostat type RCMA 0	6
Motor triphase type Aca 112; 3f. 127/220-50; HP 0.5	1
Motor type Aca, triphase, 124; 3f.; 150/260-50; HP 0.4	1
Motor triphase type Aca 416 - 3f. 190/50; HP 1.5	3
Motor triphase type Aca 504 - 3f. 220/380-50; HP 4	1
Motor triphase type Aca 526 - 3f. 220/380-42; HP 3.4	1
Motor (direct current) type MCMa 74 6V; 220 Volt; HP 0.32/4; revolutions 240/3000	1
Motor triphase type MACa 150/6 RM - 3f. 260/450-50; HP 9.4	2
Motor triphase type MACa 90/6 RM - triphase 260/50; HP 2.1	4
Motor triphase type Aca 616 - 3f. 260/450-50; HP 24	1
Motor triphase, HP 7.0; 2800 revolutions; 50 f; triphase 290/500	1
Motor triphase; HP 0.24; 1400 revolutions; 50 f; triphase 127/220	1

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At ERCOLE MARELLI & CO., Florence Branch Office - Via Cavour 4-6 Warehouse - Via Ricasoli 42 R, Florence, under control of AMG, 5th Army Cont'd.

Motor triphase; HP 3.2; 1400 revolutions; 50f; triphase 200/300	1
Motor triphase; HP 3.2; 1400 revolutions; 50f; triphase 220/380	1
Motor triphase; HP 0.5; 950 revolutions; 50f; triphase 150/260	2
Motor triphase; HP 2.0; 950 revolutions; 50f; triphase 200/450	1

At FIORENTINA MATERIALE ELETTRICO, Via Orivolo, 51 Florence, under control of AMG, 5th Army.

Motor switches, tripolar and bipolar, in bakelite and ardesia	985 Each
Motor switches, tumbler-type	15 "
Light Switches, rotation-type	50 "
Wall switch boxes	146 "
Switches, with and without key	80 "
Electric cord, for electric bell, aluminium	3,000 Metres
Electric cord, black insulated, 500 volts, aluminium	2,700 Metres
Electric cable, two strands "Bituzinc" aluminium	100 Metres
Socket, with bases for wall attachment	700 Each
Plug, female bipolar 6 amp.	200 "
Fuse, bipolar 6 amp.	50 "
Insulating tape	100 Metres

At DITTA ALBERTI, S.a.s., Via De'Pucci, 16 R, Florence, under control of AMG, 5th Army

Electric Motors

Make	Horsepower	Voltage	
Gutris	1/20	160 Monophase	2
Marelli	1/3	260 Triplephase	8
Gutris	1/8	160 Monophase	10
Gutris	1/8	120 "	7
Marelli	1/7	160 "	1
Tallero	1/10	160 "	1
Buzzi	1/4	260 Triplephase	1
Gutris	1/10	160 Monophase	1

At ALBERTO MAZZI & FIGLI, Via Alfani 84-86 R, Florence, under control of AMG, 5th Army

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in bakelite and ardesia	385 Each
Meter switches, tumbler-type	15 "
Light Switches, rotation-type	56 "
Wall switch boxes	146 "
Switches, with and without key	80 "
Electric cord, for electric bell, aluminium	3,000 Metres
Electric cord, black insulated, 500 volts, aluminium	2,700 Metres
Electric cable, two strands "Bituning" aluminium	200 Metres
Socket, with bases for wall attachment	700 Each
Plug, female bipolar 6 amp.	200 "
Fuse, bipolar 6 amp.	50 "
Insulating tape	100 Metres

At DITTA ALINARI, S.a., Via De'Pucci, 16 R, Florence, under control of AMG, 5th Army

Electric Motors

Make	Horsepower	Voltage	
Gutris	1/20	160 Monophase	2
Morelli	1/3	260 Triplephase	8
Gutris	1/5	160 Monophase	10
Gutris	1/8	120 "	7
Morelli	1/7	160 "	1
Tellero	1/10	160 "	1
Buzzi	1/4	260 Triplephase	1
Gutris	1/10	160 Monophase	1

At ALBERTO MAZZI & FIGLI, Via Alfani 84-86 R, Florence, under control of AMG, 5th Army

Electric light bulbs;100 Watt; 20 Volts, solar	12.
Electric light bulbs; 40 Watt; 20 Volts; Clear	6
Electric light bulbs; 100 Watt; 25 Volts; Clear	10
Electric light bulbs; 150 Watt; 25 Volts; Clear	5
Electric light bulbs; 200 Watt; 20 Volts; Clear	1
Electric light bulbs; 300 Watt; 20 Volt; Clear	4

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At SOC. A. FINOCCHIETTO ZANOBETTI, Via Cimabue, 40 R, Florence, under control of AMG, 5th Army.

Copper strebars	3	Kgs.
" cathodes	35½	"

At UBERTO GIUSTI, Via G. Mazzoni, 21 R, Prato, under control of AMG, 5th Army.

Electric cord, aluminium, single strand, 12/10 to 25/10	1,400	Metres
Electric cord, copper, single strand, 8/10 to 12/10	200	"
Electric cord, for electric bell, 6/10	100	"
Lead insulated cable, 2 x 8/10	30	"
Rubber insulated cable, 2 x 0.78	50	"
" " " , 2 x 50	50	"
Clamps, wall, 2 x 10/10	200	Each
Plugs, male, bipolar, 15 amps., bakelite	15	"
" " , tripolar, 15 amps, "	20	"
Ceiling box plate for drop cord, porcelain	50	"
Shade holder clamps	100	"
Switch-on-cord, pear shaped, bakelite	200	"
Two way switch-on-cord, bakelite	20	"
Switch-on-cord, Gallalite	20	"
" " " , electric bell	20	"
Distribution box, porcelain	25	"
Wall push button buzzer, electric bell, assorted	100	"
Plug, male, unipolar, bakelite	50	"
Plug, female, tripolar, 15 amps, bakelite	15	"
Two way wall switch, bakelite	250	"
Sockets with base for wall attachments	30	"
Ceiling box plate for drop cord, wood, assorted	5,000	"
Electric bells, assorted	35	"
Plugs, female, porcelain, 30 amps, tripolar	20	"
Plugs, male, porcelain, 30 amps, tripolar	20	"
Sockets with switch	50	"
Sockets, normal	50	"
Wall switch boxes, assorted	200	"
" " " , zinc plated	500	"
Vice junction, for aluminium electric wire	20	"
Switches, tripolar, 30 amps, bakelite	3	"
Fuse sockets, 30 amps.	3	"
Fuse, Edison, bipolar, porcelain	5	"

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15/10 to 25/10	1,400	Metres
Electric cord, copper, single stroad, 8/10 to 12/10	200	"
Electric cord, for electric bell, 6/10	100	"
Lead insulated cable, 2 x 8/10	30	"
Rubber insulated cable, 2 x 0.78	50	"
" " " , 2 x 50	50	"
Clamps, wall, 2 x 10/10	200	Each
Plugs, male, bipolar, 15 amps., bakelite	15	"
" " , tripolar, 15 amps. "	20	"
Ceiling box plate for drop cord, porcelain	30	"
Shade holder clamps	100	"
Switch-on-cord, pear shaped, bakelite	200	"
Two way switch-on-cord, bakelite	20	"
Switch-on-cord, Gallalite	20	"
" " " , electric bell	20	"
Distribution box, porcelain	25	"
Wall push button buzzer, electric bell, assorted	100	"
Plug, male, unipolar, bakelite	50	"
Plug, female, tripolar, 15 amps, bakelite	15	"
Two way wall switch, bakelite	250	"
Sockets with base for wall attachments	30	"
Ceiling box plate for drop cord, wood, assorted	3,000	"
Electric bells, assorted	35	"
Plugs, female, porcelain, 30 amps, tripolar	20	"
Plugs, male, porcelain, 30 amps, tripolar	20	"
Sockets with switch	50	"
Sockets, normal	50	"
Wall switch boxes, assorted	200	"
" " " , zinc plated	300	"
Vice junction, for aluminium electric wire	20	"
Switches, tripolar, 30 amps, bakelite	3	"
Fuse sockets, 30 amps.	3	"
Fuse, Edison, bipolar, porcelain	5	"
Reflectors, enamel, size 30	50	"
" , bakelite, size 25	100	"
Electric cord, silk covered, for electric bell	500	Metres
Electric cord, 2 x 0.35	50	"
Plugs, male, bipolar, 6 amps, bakelite	50	"

At DANTI LIN., Via Pistoiese, 66 R, Florence, under control of AMG, 5th Army.

Electric wire, aluminium, for electric bells	1,000	Metres
Electric wire, aluminium, insulated, 15/10	100	"
Electric wire, aluminium, insulated, 25/10	100	"

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At DANTI KINA, Via Pistoiese, 66 R, Florence, under control of AMG, 5th Army Cont'd.

Electric wire, aluminium, insulated, 20/10	100	Metres
Electric cord, for flat iron, 2 strand, 075	20	"
Electric cord, table lamp, 1 strand, 050/1	93	"
Copper cable, twisted strands, nude	7½	Kilos.
" " " " , insulated	17	"
Bulbs, bicycle and flash light	40	Each
Sockets, aluminium, normal size	77	"
Plugs, female, 6 amps.	43	"
Bells electric	6	"
Sockets, normal, bakelite	15	"
Wall plugs, female, 6 amps.	7	"
" " " , 15 amps.	10	"
Light switches, 6 amps.	47	"
Wall switches, 6 amps.	22	"
Plugs, terracota, 15 amps.	5	"
Plugs, male, by puller, 6 amps.	72	"
Switch-on-cord, pear shaped	12	"
Light switch, two way, 6 amps.	16	"
Panel fuse, unipolar, 15 amps.	4	"
Fuse, Edison, bipolar	10	"
Plugs, female, with male prong, 15 amps.	22	"
" " , porcelain, tripolar, 3 amps.	4	"
Wall switches, bakelite	32	"
Lamp shade clamps-holders, aluminium	40	"
Sockets, porcelain, 3/8	6	"
Switches, unipolar, 25 amps.	3	"
Cable, insulated varnished cloth, 3 x 1	40	Metres
" " " " , 3 x 10	2½	"
" , lead covered insulation, 3 x 25/10	16½	"
" " " " , 3 x 32/10	18	"

At CHITI ALVARO, Via S. Trinita, 7 R, Pitto, under control of AMG, 5th Army.

Sockets, electric light	10	Each
Plugs, electric light female, 6 amps.	15	"
Switches, bakelite, 6 amps.	10	"
Switches, wall box, 6 amps.	3	"
Fuses, bipolar, round	5	"
Plugs, male, 6 amps, bakelite	15	"
Shade holders-clamps, aluminium	15	"

At GUERRINO BUCCI FU A., Via Monaida, 15 R, (Piazza Strozzi), Florence, under control of AMG, 5th Army.

Wall switches, 6 amps.	22	"
Plugs, terracota, 15 amps.	3	"
Plugs, male, by puller, 6 amps.	72	"
Switch-m-cord, pear shaped	12	"
Light switch, two way, 6 amps.	16	"
Panel fuse, unipolar, 15 amps.	4	"
Fuse, Edison, bipolar	10	"
Plugs, female, with male prong, 15 amps.	22	"
" " , porcelain, tripolar, 3 amps.	4	"
Wall switches, bakelite	32	"
Lamp shade clamps-holders, aluminium	40	"
Sockets, porcelain, 3/8	6	"
Switches, unipolar, 25 amps.	3	"
Cable, insulated varnished cloth, 3 x 1	40	Metres
" " " " . 3 x 10	28	"
" , lead covered insulation, 3 x 25/10	16½	"
" " " " . 3 x 32/10	18	"

At CHITI ALVARO Via S. Trinita, 7 R. Prato, under control of AMG, 5th Army.

Sockets, electric light	10	Each
Plugs, electric light female, 6 amps.	15	"
Switches, bakelite, 6 amps.	10	"
Switches, wall box, 6 amps.	5	"
Fuses, bipolar, round	5	"
Plugs, male, 6 amps, bakelite	15	"
Shade holders-clamps, aluminium	15	"

At GUERRINO RUCCI FU A., Via Monaida, 15 R, (Piazza Strozzi), Florence, under control of AMG, 5th Army.

Dynamo, Marelli type, C. 10/1 - Volt 260; Amp. 3.7; revolutions 1150 (Generator)	1
Dynamo Generator, Brown-Boveri; Volts 110; HP 30	1
Dynamo Generator, Marelli; Volts 125; KW 18	1
Dynamo Generator, E.M.L.; Volts 220; HP 4	1
" E.M.L., Volts 300; HP 1.5	1
Motor control switches for electric lathes; ahead-stop-reverse	5
Motor control switches in oil bath for high tension (15,000 volts)	2
Electric motor, Menin; Volt 220; HZ 50; revolutions 2400; HP 2, specially constructed for application to circular saw	1

At A.M.M.I., Monte Valerio, Cappiglia, Maritima, Livorno, under control of AC.

Iron tubes for compressed air	24.9 Tons

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THE FOLLOWING AVAILABILITIES OF CONTROLLED MATERIALS ARE REPORTED

CONTROLLED FERROUS MATERIALS

At SIDERURGICA COMMERCIALE, Rome, under control of AC.

Iron wire and cables	23 tons

At DE SOCIO FRANCESCO, CALTAGIRONE, under control of AC.

Pig iron scraps	1,200 Kgs.

At FERROMETALLI MACCHINE, Rome, under control of AC.

Pig iron scraps	1,000 Kgs.

At MEALLI, GIUSEPPE, Borgo S.S. Apostoli 6 Florence, under control of AMG 5th Army.

Machine and tool steel:	
Rods, assorted sizes	494 Kgs.
Plate, assorted sizes	1,710 "
Bars, square	93 "

At FERRAMENTA COBLANCHI, Via Borgo Santa Croce 8, Florence, under control of AMG, 5th Army.

Steel cable, in strands m/m 33	600 mts.

At GIUSEPPE BILLIDI, Via Piccioli 3, Prato, under control of AMG, 5th Army.

Wire steel and wire	150 Kgs.
Cable, zinc covered, iron and steel	110 "

At FRATELLI NATALE, Borgo dei Greci 5 Florence, under control of AMG 5th Army.

Steel Cable	500 Kgs.

At ANGELO SECCI, Via dell'Anguillara 17, Florence, under control AMG 5th Army.

Iron wire, diameter m/m 12	500 Kgs.

At OFFICINE METALLURGICHE TOSCANE, Via Delle Bagli 1, Florence, under control of AMG, 5th Army.

Machine and tool steel	140 Kgs.
Soft steel, construction, in various forms, Angle, "T", "I", etc.	28,000 "

At SOCIETA ANONIMA NAZIONALE "SCOPE", Via della Robbia 71, Florence, under control

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Pig iron scraps 1,000 Kgs.

At MEALLI, GIUSEPPE, Borgo S.S. Apostoli 6 Florence, under control of AMG 5th Army.

Machine and tool steel:	
Rods, assorted sizes	494 Kgs.
Plate, assorted sizes	1,710 "
Bars, square	93 "

At FERRAMENTA COBLANCHI, Via Borgo Santa Croce 8, Florence, under control of AMG, 5th Army.

Steel cable, in strands m/m 33 600 mts.

At GIUSEPPE GILLIDI, Via Ricasoli 3, Prato, under control of AMG, 5th Army.

Wire steel and wire	150 Kgs.
Cable, zinc covered, iron and steel	120 "

At FRATESI NATALE, Borgo dei Greci 5, Florence, under control of AMG 5th Army.

Steel Cable 500 Kgs.

At ANGELO SPECCI, Via dell'Anguillara 17, Florence, under control AMG 5th Army.

Iron wire, diameter m/m 12 500 Kgs.

At OFFICINE METALLURGICHE TOSCANE, Via Sette Santi 1, Florence, under control of AMG, 5th Army.

Machine and tool steel	140 Kgs.
Soft steel, construction, in various forms, Angle, "T", "I", etc.	28,000 "

At SOCIETA' ANONIMA MAZZONELLE "SOCMI", Via delle Robbia 71, Florence, under control of AMG, 5th Army.

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Construction Steel:		
Rounds, A3	3 m/m	3½ Kgs.
	6 "	310 Kgs.
Semi-Rapid steel and Machine and Tool Steel		
Tempered Rounds, OTTI	22 m/m	171 Kgs.
" " , OT	65 "	59 "
" " , TTD	30 "	521 "
" " , "	52 "	17 "
" " , "	34 "	56 "
" " , "	36 "	79½ "

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At DITTA CARLO RAVEGGI, Corso Tintori 29, Florence, under control of AMG 5th Army.

Special steel, machine & tool steel (for cold stamping or pressing)		
Rounds, diameter	45 mm	65 Kgs.
	60 "	55 "
	70 "	105 "
	80 "	40 "
Special steel, for making hand tools		
Flats, dimension	30x15 mm	100 "
Special steel (for cold stamping)		
Rounds, diameter	40 m/m	170 "
Squares,	12 m/m x 12 m/m	35 "
"	10 " x 10 "	10 "
Special steel (tempered in oil), machine tool steel:		
Rounds, diameter	120 m/m	120 "
Flats, dimension	40x30 m/m	15 "
	50x20 "	10 "
	120x35 "	10 "
	150x30	25 "
Special steel, machine & tool steel, (tempered in water)		
Flats, dimension	18x 3 m/m	15 "
	25x10 "	30 "
	25x12 "	5 "
	25x15 "	10 "
	25x20 "	10 "
	30x10 "	45 "
	30x12 "	45 "
	30x18 "	30 "
	30x20 "	30 "
	40x 6 "	95 "
	40x10 "	40 "
	40x12 "	30 "
	40x25 "	20 "
	45x30 "	45 "
	50x 5 "	130 "
	50x 6 "	55 "
	50x10 "	35 "
	50x15 "	95 "
	50x20 "	45 "
	50x30 "	25 "
	50x40 "	20 "
	55x10 "	30 "
	60x 5 "	200 "
	60x 6 "	200 "

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" , 10 " x 10 "		10 "
Special steel (tempered in oil), machine tool steel:		
Rounds, diameter	120 m/m	120 "
Flats, dimension	40x30 m/m	15 "
	50x20 "	10 "
	120x35 "	10 "
	150x30	25 "
Special steel, machine & tool steel, (tempered in water)		
Flats, dimension	18x 3 m/m	15 "
	25x10 "	30 "
	25x12 "	5 "
	25x15 "	10 "
	25x20 "	10 "
	30x10 "	45 "
	30x12 "	45 "
	30x18 "	30 "
	30x20 "	30 "
	40x 6 "	35 "
	40x10 "	40 "
	40x12 "	30 "
	40x25 "	20 "
	45x30 "	45 "
	50x 5 "	130 "
	50x 6 "	35 "
	50x10 "	35 "
	50x15 "	95 "
	50x20 "	45 "
	50x30 "	25 "
	50x40 "	20 "
	55x10 "	30 "
	60x 5 "	290 "
	60x 6 "	390 "
	60x 8 "	225 "
	60x10 "	95 "
	60x12 "	60 "
	60x30 "	210 "
	65x10 "	35 "
	65x30 "	135 "
	70x 5 "	5 "
	70x15 "	40 "
	70x30 "	110 "
	80x 8 "	180 "
	80x10 "	15 "
	80x12 "	45 "
	80x15 "	30 "
	80x35 "	65 "
	80x45 "	55 "
	90x10 "	40 "
	90x12 "	25 "
	90x25 "	85 "

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At DITTA C.PELO R.VEN Corso Tintori 29 Florence (c[illegible]a)

Special steel, machine & tool steel, (tempered in water)		
Flats, dimensions	100x15 m/m	20 Kgs.
	110x10 "	20 "
	110x12 "	30 "
	120x 8 "	20 "
Special steel, machine & tool steel, (tempered in oil)		
Rounds, diameter	15 m/m	10 "
	40 "	70 "
	45 "	75 "
	50 "	50 "
	80 "	100 "
Flats, dimension	70x20 m/m	65 "
Special steel, machine & tool steel, (tempered in water)		
Rounds, diameter	12 m/m	180 "
	16 "	215 "
	20 "	20 "
	24 "	50 "
	25 "	120 "
	26 "	80 "
	30 "	70 "
	32 "	20 "
	42 "	30 "
	50 "	60 "
	65 "	130 "
	75 "	45 "
	80 "	90 "
Squares,	10x10 m/m	15 "
	12x12 "	15 "
	25x25 "	75 "
	50x50 "	90 "
	65x65 "	195 "
	75x75 "	130 "
Special steel (alloy) for milling cutter (tempered in oil)		
Rounds, diameter	60 m/m	35 "

At IIVa. S. Giovanni, Valdarno, under control of AMG 5th Army.

Galvanized barbed wire		
No. 14 gauge (mm 2.2), 2 strand		55 Kgs.
No. 17 gauge (mm 3), 3 strand		400 "

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Plate, dimension 70x20 m/m	100	"
	65	"
Special steel, machine & tool steel, (tempered in water)		
Rounds, diameter 12 m/m	180	"
18 "	215	"
20 "	28	"
24 "	50	"
25 "	120	"
26 "	85	"
30 "	70	"
32 "	20	"
42 "	30	"
50 "	60	"
65 "	150	"
75 "	45	"
85 "	90	"
Squares, 10x10 m/m	15	"
12x12 "	15	"
25x25 "	75	"
50x50 "	30	"
65x65 "	195	"
75x75 "	150	"
Special steel (alloy) for milling cutter (tempered in oil)		
Rounds, diameter 60 m/m	55	"

At IIVa. S. Giovanni, Valdarno, under control of AMG 5th Army.

Galvanized barbed wire	
No. 14 gauge (mm 2.2), 2 strand	55 Kgs.
No. 17 gauge (mm 3), 3 strand	400 "
Black barbed wire	
No. 14 gauge (mm 2.2) 3 strand	19,657 Kgs.
No. 14 gauge (mm 2.2) 2 strand	40,000 "
Galvanized iron wire	
No. 10 gauge (mm 3.5)	80 Kgs.
13 " (mm 2)	100 "
17 " (mm 3)	1,404 "
19 " (mm 3.9)	105 "
21 " (mm 4.9)	103 "
Drawn wire (counterdrawn)	
Gauge No. 7 m/m 1.2	500 "
12 " 1.3	800 "
13 " 2.	7.024 "
14 " 2.2	15,020 "

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At ILVA, S. Giovanni, Valdarno (cont'd)

Drawn wire (countertrawn)		
Gauge No. 15, 2.2 m/m		4,940 Kgs.
16, 2.7 "		6,500 "
17, 3. "		5,500 "
18, 3.4 "		4,488 "
19, 3.9 "		19,745 "
21, 4.9 "		41,933 "
24, 6.4 "		500 "
Iron wire, soft		
Gauge No. 1, 0.6 m/m		1,000 "
5, 1.0 "		4,385 "
10, 1.5 "		295 "
11, 1.6 "		2,962 "
12, 1.8 "		2,747 "
13, 2. "		6,927 "
14, 2.2 "		7,743 "
15, 2.4 "		2,045 "
16, 2.7 "		5,790 "
17, 3. "		4,184 "
19, 3.9 "		3,021 "
21, 4.9 "		15,258 "

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CONTROLLED NON-FERROUS

At DITTA ADOLFO FERRINI, Via Nazionale, 13, Florence, under control of AMG 5th Army

Copper, scrap	42 Kgs.

At DITTA PIETRO GIANNOLA, Viale Lodovico Ariosto 36, Florence, under control of AMG, 5th Army.

Brass, unfabricated, angle, "Z" etc.	220 Kgs.
Brass, in coils	350 "
Copper, in sheets and wire, non-electrolytic	380 "
Copper, scrap, non-electrolytic	390 "
Scrap Lead	700 "
Tin in Ingots, pure	500 "

At FRATESI MICHELE, Borgo dei Greci 5, Florence, under control of AMG, 5th Army.

Copper scrap, non-electrolytic	20 Kgs.

At GIOVANNI ROLLA, Via Penitenza 3, Rome, under control of AC.

Scrap Brass (used shell cases)	1½ Tons

At DITTA GIUSEPPE ALFARANO METALLI, Rome, under control of AC.

Lead Ingots, 2nd quality	325 Kgs.
Lead Scraps (accumulator scraps)	800 "
Lead Scraps (mild and strong)	400 "

At DITTA FERRO METALLI E MACCHINE, Rome, under control of AC.

Lead Scraps	1,200 Kgs.
Copper Scraps	6,000 "

At DITTA RANIROT, Rome, under control of AC.

Lead Scraps	300 Kgs.
Lead Pipes	500 "
Lead Sheets	2,500 "
Copper Scraps	1,334 "

At SOC. GENERALE PUGLIESE DI ELETTRICITA, Taranto, under control of AC.

Lead Scraps	125 Kgs.
Copper Scraps	825 "

At DITTA DE SOCIO FRANCESCO, Campobasso, under control of AC.

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Tin in Ingots, pure	500 "

At PRATESI NATALE, Borgo dei Greci 5, Florence, under control of AMG, 5th Army.

Copper scrap, non-electrolytic	20 Kgs.

At GIOVANNI ROLLA, Via Penitenza 3, Rome, under control of AC.

Scrap Brass (used shell cases)	1½ Tons

At DITTA GIUSEPPE ALFARANO METALLI, Rome, under control of AC.

Lead Ingots, 2nd quality	325 Kgs.
Lead Scraps (accumulator scraps)	800 "
Lead Scraps (mild and strong)	400 "

At DITTA FERRO METALLI E MACCHINE, Rome, under control of AC.

Lead Scraps	1,200 Kgs.
Copper Scraps	6,000 "

At DITTA RODIROT, Rome, under control of AC.

Lead Scraps	300 Kgs.
Lead Pipes	500 "
Lead Sheets	2,500 "
Copper Scraps	1,334 "

At SOC. GENERALE PUGLIESE DI ELETTRICIT., Taranto, under control of AC.

Lead Scraps	125 Kgs.
Copper Scraps	825 "

At DITTA DE SOCIO FRANCESCO, Campobasso, under control of AC.

Copper Scraps	145 Kgs.

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At DITTA MARIO ROMANO FU RAFFAELE, Benevento, under control of AC.

Copper Scraps	6,000 Kgs.

At S.A. INDUSTRIE CHIMICHE SCARPITTI, Rome, under control of AC.

Copper and brass scraps, together with used cartridge cases	3,500 Kgs.

At DITTA D'AMICO FRANCESCA ved. LANUCARA, Reggio Calabria, under control of AC.

Scraps of copper, brass and aluminium	4,000 Kgs.

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UNCONTROLLED COLOR BUILDING MATERIALS

At DITTA F.LLI VIERUCCI, Via Vittorio Emanuele, 315, Florence, under control of AMG, 5th Army.

Varnish, various colors	175 Kgs.
Varnish, "Flatting"	41 "
Paint, "Earth" base, for plaster wall painting	350 "

At MELONI VERA, Via Capo di Mondo, 22, Florence, under control of AMG, 5th Army.

Paints, assorted	85 Kgs.
Zinc Bianca paint in powder	40 "
Enamel, synthetic, opaque	62½ "
" " , black	10 "
" " , white, and other colors	115 "
Varnish	31½ "
Varnish, black Japanese	1 "
" , copal, transparent, inside	20 "

At DITTA CESARE BANCHELLI & F., Borgo la Noce 7, Florence, under control of AMG 5th Army.

Paints, oil base and paints of chalk base (for plaster walls)	500 Kgs.
Varnish, black	50 "
" , transparent	60 "

At CONSORZIO AGRARIO, Ancona, under control of AC.

Linseed	2,900 Kgs.

At ARTURO BARTI, Via Alfani 2, Florence, under control of AMG 5th Army.

Paint, already oil mixed, paste form	90 Kgs.
Green lime based paint for stucco & plaster walls, impermeable	300 "
Enamel, natural resin base	50 "

At BOCCI FAZZINI, Via Palazzuola 70-72 R, Florence, under control of AMG 5th Army.

Linseed	15 Kgs.

At POGGI FERNANDO, Via Barragli 81 R, Florence, under control of AMG 5th Army.

Varnish, transparent, natural, oil base, in cans of 1 kg.	80 Kgs.
Varnish, black, for metal, in cans of 1 Kg.	12 "
Enamel, natural, oil base and synthetic oil, various colors, in cans of 1, ½ and ¼ Kg.	442 "
Paints, ready mixed and ready to brush on	

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, white, and other colors	115 "
Varnish	31½ "
Varnish, black Japanese	1 "
" , copal, transparent, inside	20 "

At LITTA CESARE BANCHELLI & F., Borgo la Noce 7. Florence, under control of AMG 5th Army.

Paints, oil base and paints of chalk base (for plaster walls)	500 Kgs.
Varnish, black	50 "
" , transparent	60 "

At CONSORZIO AGRARIO, Ancona, under control of AC.

Linseed	2,900 Kgs.

At ARTURO BARTI, Via Alfani 2, Florence, under control of AMG 5th Army.

Paint, already oil mixed, paste form	90 Kgs.
Green lime based paint for stucco & plaster walls, impermeable	500 "
Enamel, natural resin base	50 "

At BOCCI FAZZINI, Via Palazzuola 70-72 R. Florence, under control of AMG 5th Army.

Linseed	15 Kgs.

At POGGI FERNANDO. Via Serragli 81 R. Florence. under control of AMG 5th Army.

Varnish, transparent, natural, oil base, in cans of 1 kg.	80 Kgs.
Varnish, black, for metal, in cans of 1 Kg.	12 "
Enamel, natural, oil base and synthetic oil, various colors, in cans of 1, ½ and ¼ Kg.	442 "
Paints, ready mixed and ready to brush on various colors, in cans of 1 and 5 kg.	669 "
Zinc oxide, yellow powder, to be mixed with linseed oil	200 "
*Ochre, blue distemper	100 "
Lead oxide, pure, to be mixed with linseed oil	100 "
*Ochre powder distemper in yellow, red & brown	12000 "

*Ochres are distempers and destined usually for plaster walls, are permeable and probably of no value to the military.

At GIUSEPPE GILLIDI, Via Ricasoli 3, Prato, under control of AMG, 5th Army.

Oil and varnish	40 Kgs.

At DITTA FALCINI FRANCESCA VED. MARTINI, Via Vincenzo Gioberti 133 R, Florence, under control of AMG 5th Army.

Enamel paint, in 100 gr to 1000 gr cans	9½ Kgs.
Varnish (in alcohol solvent), black	2 "

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At DITTA FALCINI FRANCESCA VED. MANTINI (cont'd)

Varnish, copal resin base, transparent	1 Kg.
Varnish, black, Japanese	3 "
Ochre, brown	13 "
Ochre, dark brown	10 "

At DITTA BRACCERI CARLO, Borgo la Croce 101 R. Florence, under control AMG 5 Army.

Enamel paint	28 Kgs.
Paint, oil base	15 "
Pigments for paint	200 Kgs.
White lead paint, yellow, in powder form	100 "
White lead paint, powder form	20 "

At ALFREDO BOTTI, Borgognissanti 64, Florence, under control of AMG, 5th Army.

Varnish, oil base, black	30 Kgs.
" , " " , grey	120 "
" , " " , maroon	30 "
" , " " , white	20 "
Paint in powder form, green	180 Kgs.
" " " " , red	30 "
" " " " , blue	40 "
" " " " , yellow	50 "

At FRANCESCO BALLERINI, Campi Bisenzio Via S. Stefano 33, (near Florence), under control of AMG 5th Army.

Varnish, black	15 Kgs.

At FRATELLI PANERAI, Campi Bisenzio (Near Florence), under control of AMG 5th Army.

Enamel paint, assorted colors	120 Kgs.
Varnish, various	17 "

At SOC. CLIBANUM, Rome, under control of AC.

Special oil paint	940 Kgs.
Pigments	485 "
Varnish	1.719 "
Paste paint	75 "

At DITTA RAPINO, Termoli, under control of AC.

Paint for walls (brown)	220 Kgs.

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[illegible] lead paint, yellow, in powder form	100 "
White lead paint, powder form	20 "

At ALFREDO BOTTI, Borgognissanti 64, Florence, under control of AMG, 5th Army.

Varnish, oil base, black	30 Kgs.
" , " " , grey	120 "
" , " " , maroon	30 "
" , " " , white	20 "
Paint in powder form, green	180 Kgs.
" " " " , red	30 "
" " " " , blue	40 "
" " " " , yellow	50 "

At FRANCESCO BALLERINI, Campi Bisenzio, Via S. Stefano 33, (near Florence), under control of AMG 5th Army.

Varnish, black	15 Kgs.

At FRATELLI PAGNINI, Campi Bisenzio (Near Florence), under control of AMG 5th Army.

Enamel paint, assorted colors	120 Kgs.
Varnish, various	17 "

At SOC. OLIBANUM, Rome, under control of AC.

Special oil paint	940 Kgs.
Pigments	485 "
Varnish	1.719 "
Paste paint	75 "

At DITTA RAPINO, Termoli, under control of AC.

Paint for walls (brown)	220 Kgs.

At OFFICINE MOBILI PUBLI, Pescara, under control of AC.

Blue paints (Alizarine)	17,000 Kgs.

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At STABILIMENTO CHIMICO FARMACEUTICO R. ESERCITO, Via Flaminia, Rome, under control of AC.

Pigments for paints	290 ltrs.

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At DITTA CHIARI & BENCINI S.A., Viale dei Mille 47, Florence, under control of AMG, 5th Army.

Varnish, black for metal	100	Kgs.
" , flattening	120	"
Paint, green "Italia", in powder	200	"
" , red " " "	800	"
" , green "Vagone"	50	"
" , "Terra" golden yellow	1,500	"
" , green "Vittoria", in powder	25	"
" , "brace black" " "	2,000	"
" , ivory black " "	25	"
" , dark red, chalk base	50	"
" , "Vitis" green, in powder	25	"
" , green chalk base in powder	400	"
" , white zinc "Monteponi" yellow	1,000	"
" , "Terra" light brown, in powder	900	"
" , "Terra" yellow, in powder	2,200	"
" , green "Montano", in powder	50	"
" , "Terra" blackish brown, in powder	3,000	"
" , White lead oil mixed, in paste form	200	"

(NOTE: "Terra" refers to "earth" base paints and is used usually as the chalk base paint for painting of plaster walls).

At DITTA FRATELLI VITI, Via Della Spada, 8, Florence - Via Del Sole, 3, Florence, under control of AMG, 5th Army.

Varnish, black for metals	80	Kgs.
" , " " insulating	29	"
" , enamel base, assorted colors	86	"
" , wood type, anti-rot qualities	63	"
" , cellulose base, type "piumaccio"	46	Litres
Enamel, white, oil base	12½	Kgs.
" , black, " "	15	"
" , assorted colors, oil base	8 3/4	"
" , " " , cellulose base	12½	"
Paint and pigments in powder, assorted	250	"

At DITTA PIETRO GIANNOLA, Viale Lodovico Ariosto, 36, Florence, under control of AMG, 5th Army.

Paint, purple, in powder 350 Kgs.

At BENEDETTO PALCHETTI & FIGLI, Via Pierluigi de Pelestrine, 14, Florence, under AMG, 5th Army.

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" , "Litis" green, in powder	25	"
" , green chalk base in powder	400	"
" , white zinc "Monteponi" yellow	1,000	"
" , "Terra" light brown, in powder	900	"
" , "Terra" yellow, in powder	2,200	"
" , green "Montano", in powder	50	"
" , "Terra" blackish brown, in powder	3,000	"
" , White lead oil mixed, in paste form	200	"

(NOTE: "Terra" refers to "earth" base paints and is used usually as the chalk base paint for painting of plaster walls).

at DITTA FRATELLI VITI, Via Della Spada, 8, Florence - Via Del Sole, 3, Florence, under control of AMG, 5th Army.

Varnish, black for metals	80	Kgs.
" , " " insulating	29	"
" , enamel base, assorted colors	86	"
" , wood type, anti-rot qualities	63	"
" , cellulose base, type "piumaccio"	46	Litres
Enamel, white, oil base	12½	Kgs.
" , black, " "	15	"
" , assorted colors, oil base	8 3/4	"
" , " " , cellulose base	12½	"
Paint and pigments in powder, assorted	250	"

at DITTA PIETRO GIANNOLA, Viale Lodovico Ariosto, 36, Florence, under control of AMG, 5th Army.

Paint, purple, in powder	250 Kgs.

at BENEDETTO PALCHETTI & FIGLI, Via Pierluigi da Palestrina, 14, Florence, under AMG, 5th Army.

Varnish, anti-rust, beige and red	75 Kgs.

at MOC - SMALTO, Piazza Duomo, 30, Florence, under control of AMG, 5th Army.

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Inside paint, colors various	23 3/4	Kgs.
Outside paint, " "	19½	"
Paint, Modern finish, various colors	62	"
Enamel, special, various colors	25½	"

at METELLO GRASSI, Via Romito, 32, Florence, under control of AMG, 5th Army.

Enamel, green & maroon, synthetic resin base	100	Kgs.
Varnish	100	"
Wagon green paint in powder	200	"

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At RODOLFO MIGNANI, Via Adolfo, 44, Florence, under control of AMG, 5th Army.

Enamel, cellulose base, various colors in cans of gr. 100, 250, 500, 1000	398 Kgs.
Enamel, synthetic, oil base, colors opaque and brilliant in cans of gr. 100, 250, 500, 1000	776 Kgs.
Varnish flatting AzE, in recipients of 1 and ½ kg.	46 Kgs.
~~Aluminium paint, liquid~~	~~36 Kgs.~~
Paint pigments in powder	135 Kgs.
White zinc paint in powder	~~30~~ Kgs. 46

At DITTA PUGI LUIGI, Borgo S. Frediano, 30 R. Florence, under control of AMG, 5th Army.

Varnish	41 Kgs.
Enamel	30 Kgs.
Enamel, flat, "Cementite" type	29 Kgs.

At ATTILIO PARENTINI, Piazza S. Giovanni, 2, Florence, under control of AMG, 5th Army.

Paints, liquid.

Enamel, white outside, light finish and flat	500 Kgs.
Varnish, outside, transparent	260 "
Enamel, white synthetic, outside	40 "

Paints in Powder & pigments.

White zinc, pure, in powder	2300 Kgs.
Golden yellow, (pig.)	900 "
Chrome yellow in powder	50 "
Chrome yellow in pieces	50 "
Lead oxide, orange (Minio pig.)	800 "
Live black (pig.)	1750 "
Black (pig.) for varnish	1400 "
Sea blue (pig.)	750 "
Ferrous oxide, red (pig.)	2300 "
Cinebro (Mercury sulphate) red vermiglion (pig.)	500 "
Dark red "Auto" (pig.)	200 "
English red (pig.)	2700 "
Ocre, dark red (pig.)	400 "
Ocre, cassel red (pig.)	900 "
Green (pig.)	600 "
Wagere green (pig.)	300 "
Green, lime base (for plaster wall painting)	300 "

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Army.

Varnish	41 Kgs.
Enamel	30 Kgs.
Enamel, flat, "Cementite" type	29 Kgs.

At ATTILIO PARENTINI, Piazza S. Giovanni, 2, Florence, under control of AMG, 5th Army.

Paints, liquid.

Enamel, white outside, light finish and flat	500 Kgs.
Varnish, outside, transparent	260 "
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Paints in Powder & pigments.

White zinc, pure, in powder	2300 Kgs.
Golden yellow, (pig.)	900 "
Chrome yellow in powder	50 "
Chrome yellow in pieces	50 "
Lead oxide, orange (Minio pig.)	800 "
Live black (pig.)	1750 "
Black (pig.) for varnish	1400 "
Sea blue (pig.)	750 "
Ferrous oxide, red (pig.)	2900 "
Cinabro (Mercury sulphate) red vermiglion (pig.)	500 "
Dark red "Auto" (pig.)	200 "
English red (pig.)	2700 "
Ocre, dark red (pig.)	400 "
Ocre, cassel red (pig.)	900 "
Green (pig.)	600 "
Wagore green (pig.)	300 "
Green, lime base (for plaster wall painting)	300 "

At GUSTI BRUNETTO, Via Ghibellina, 50, Florence, under control of AMG, 5th Army.

Paint, ready for use, brush type	45 Kgs.
Varnish, black	10 "
Enamel	14 "
Zinc "Bianco" paint	120 "
Paint pigments	50 "
Litopone in powder (barite mixed in white zinc, for enamel making)	50 "

At DITTA V. ULIVELLI & A. CECCONI, Via de Bardi, 10-12-14-16 R, Florence, under control of AMG, 5th Army.

Varnish, outside	320 Kgs.
Varnish, outside, (in uncompleted process)	10 "
Varnish, inside	71 "

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At DITTA V. ULIVELLI & A. CECCONI, Via de Bardi, 10-12-14-16 R, Florence, under control of AMG, 5th Army (Cont'd)

Enamel, naturale resin base, opaque 1st coat	6 Kgs.
Enamel, white, natural resin base, outside	6 "
Varnish, black, for metal, "Japanese" brand	100 "
Paints, ready mixed, anti-rust, synthetic	350 "
Paint powder and pigments.	
Wagon green	1 Ql.
Blue, powder oltremare, distemper	3 "
Chrome yellow, powder	4 "
Cinabro powder, sulphate of mercury, Vermiglion	5 "
Green-zinc, powder (for oil base paints)	10 "
White-zinc, " " " " "	5 "
Ochre, yellow, synthetic (for oil base paints)	10 "

At PIERCO ZINI, Via Rose, 9, Florence, under control of AMG, 5th Army.

Paint (unadulterated) ferrous oxide, yellow, synthetic resin base	25 Kgs.

At PRODOTTI CHIMICI CESARE PEGNA & FIGLI, Via dello Studio, 8, Florence, under control of AMG, 5th Army.

To prepare oil base paints the following are mixed with linseed oil (or other synthetic paint oil).

Bright red	200 Kgs.
"Cinabro" red 813, mercury sulphate	90 "
" " 621 " "	50 "
Style No. 2 red	40 "
Red lacquer & other assorted colors	62500 "
"Vitis" green	250 "
" "	300 "
"Vite" black	87 "
Bright green, zinc oxide	130 "
Bright green type 1901, zinc oxide	40 "
Bright green type 1902, zinc oxide	90 "
Lead oxide - aluminium gray	180 "
" " " red	50 "
Brilliant black	800 "
"Francoforte" black	40 "
"Vite" black	40 "
Zinc, dark green, 370	12.5 "

White-zinc,	
Ochre, yellow, synthetic (for oil base paints)	10 "

At TERZO ZINI, Via Rosa, 2, Florence, under control of AMG, 5th Army.

Paint (unadulterated) ferrous oxide, yellow, synthetic resin base	25 Kgs.

At PRODOTTI CHIMICI CESARE PEGNA & FIGLI, Via dello Studio, 8, Florence, under control of AMG, 5th Army.

To prepare oil base paints the following are mixed with linseed oil (or other synthetic paint oil).

Bright red	200 Kgs.
"Cinabro" red 816, mercury sulphate	90 "
" " 621 " "	50 "
Style No. 2 red	40 "
Red laquer & other assorted colors	62500 "
"Vitis" green	250 "
" "	300 "
"Vite" black	87 "
Bright green, zinc oxide	190 "
Bright green type 1901, zinc oxide	40 "
Bright green type 1902, zinc oxide	90 "
Lead oxide - aluminium gray	180 "
" " " red	50 "
Brilliant black	800 "
"Francoforte" black	40 "
"Vite" black	40 "
Zinc, dark green, 370	12.5 "
Mercury sulphate, red 17544	13 "
" " " 621	24 "
" " " 820	9 "
" " " 819	9.5 "
	4.5 "

"Auto" red, 621

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To prepare distempered paints (i.e. paints not water resistent) used for inside plaster walls, the following are to be mixed with water.

"Oltremare" red 2767, distemper	45 Kgs.
Blue, distemper	80 "
" "	180 "
Green "Italia" distemper	190 "
Blue 3112, distemper	98500 "
Italian red 4 B, distemper	50 "
Coal balck, distemper	2499 "
Smoke black "Leone", peckages of 25 gr., distemper	40 "

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At PRODOTTI CHIMICI CR[illegible]E PELNA & FIGLI, Via Dello Stu[illegible] 8, Florence, under control of AMG, 5th Army (Cont'd).

Smoke black "Leone", packages of 50 gr., distemper	119 Kgs.
Smoke black "Leone", packages of 100 gr., distemper	101 "
Smoke black "Leone", packages of 250 gr., distemper	45 "
Smoke black "Leone", packages of 500 gr., distemper	2.5 "
Oltremare blue, in balls, distemper	117 "
Violet blue 01729, distemper	37 "
Oltremare blue, 02031	39 "

The following lime base paints are used for outside plaster walls or stucco walls, impermeable.

Red lime base 829	45 Kgs.
Blue lime base	130 "
Green lime base	320 "
Green lime base 8165	200 "
Green lime base 8165, packages of 5 kg.	600 "
Green lime base, "Fazionale"	94 "
Green lime base 933	73 "

To prepare the following ochre paints, mix with water or paint oil, for inside plaster walls.

Ochre, brown	195 Kgs.
Ochre, "Siena", dark yellow	197 "
" " , natural brown	195 "
" " , 628, natural yellow	795 "
" , "Pellegrini" 40, dark brown	85 "
Red ochre V	180 "
Ochre, natural brown "Pellegrini"	700 "
Red ochre (of no value to military, used to adulterate Minio di piombo by unscrupulous merchants)	220 "
"Vittoria" yellow ochre	170 "
Golden yellow ochre	295 "
Ochre, natural brown	450 "
Blackish brown	70 "

At DITTA DANTE BATI, Via Giuseppe Verdi, 15, Florence, under control of AMG, 5th Army.

Varnish "Copal" transparent internal and external	134 Kgs.
Varnish, black "Japanese", for metal	25 "

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Blue lime base	130 "
Green lime base	320 "
Green lime base 8165	200 "
Green lime base 8165, packages of 5 kg.	600 "
Green lime base, "Nazionale"	94 "
Green lime base 933	73 "

To prepare the following ochre paints, mix with water or paint oil, for inside plaster walls.

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Ochre, "Siena", dark yellow	197 "
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" , "Pellegrini" 40, dark brown	85 "
Red ochre V	180 "
Ochre, natural brown "Pellegrini"	700 "
Red ochre (of no value to military, used to adulterate Minio di piombo by unscrupulous merchants)	220 "
"Vittoria" yellow ochre	170 "
Golden yellow ochre	295 "
Ochre, natural brown	450 "
Blackish brown	70 "

At DITTA DANTE BATI, Via Giuseppe Verdi, 16, Florence, under control of AMG, 5th Army.

Varnish "Copal" transparent internal and external	134 Kgs.
Varnish, black "Japanese", for metal	25 "
Varnish, protective Nitro-cellulose base (can be used in spray gun)	7 "
Enamel, natural resin base, grey, green and blue	6 "
Enamel, synthetic resin base, grey and blue	9 "
Enamel, black, nitro-cellulose base (can be used in spray gun)	43 "
"Oil based" paint, anti-rust, green, red, grey, maroon	416 "
Enamel for floor, dark red	18 "

Paint Powders & Pigments in Powder Form.

Blue "Oltremare" (disterper), red "Cinabro", Mars red, green zinc, Wagon red, Chrome yellow, Milory blue, White zinc	600 Kgs.

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CONTROLLED CIVILIAN SUPPLY

at LUIGI CIULLINI, Via dei Servi 70-72 R. Florence, under control of the 5th Army.

Electric light bulbs	
Normal socket size, 12 volt, 75 watt	1
" " " , 12 " , 150 "	1
" " " , 12 " , 300 "	1
" " " , 20 " , 60 "	1
" " " , 20 " , 100 "	1
" " " , 20 " , 150 "	1
Small socket size, tubular type, 24 volt, 3 watt	70
Normal size socket, 24 volt, 100 watt	3
" " " , 40 " , 40 "	3
" " " , 40 " , 60 "	5
" " " , 40 " , 75 "	15
" " " , 40 " , 100 "	5
" " " , 40 " , 150 "	8
" " " , 40 " , 200 "	14
" " " , 50 " , 15 "	14
" " " , 50 " , 200 "	20
Small socket size, 120 volt, 10 watt	90
Normal socket size, 160 volt, 3 candle power, (bubble shape)	7
Normal socket size, 160 volt, 10 candle power	25
" " " , of two prong bayonet type, 160 volt, 25 candle power	15
Linolite, tubular shape, 160 volt, 15 candle power	9
" " " , silvered glass, 160 volt, 15 candle power	32
Small socket size, tubular shape, 160 volt, 3 candle power	70
Small socket size, spherical shape, 160 volt, 40 watt	70
" " " . Kripton type, 160 volt, 15 watt	30
" " " " " " " , 25 "	5
" " " " " " " , 40 "	4
" " " , two prong bayonet type, 160 volt, 25 candle power	1
For projection, spotlight, 160 volt, 500 watt	2
" " " " " , 1000 watt	3
For photography, 160 volt, 1000 watt	2
" " " " , 250 "	6
For Goliat type socket, 160 volt, 500 watt	4
" " " " " " , 1000 "	1
" " " " " " , 1500 "	3
Tubular shape for display cases, 160 volt	25
Philora type, 160 volt, 250 watt	1
For automobile, 6 volt, 50 candle power	2
Special blue, 160 volt, 200 watt	
Normal, 160 volt, 25 candle power	

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" " "	, 40 "	, 200 " 3
" " "	, 50 "	, 15 " 8
" " "	, 50 "	, 200 " 14
Small socket size, 160 volt, 10 watt		14
Normal socket size, 160 volt, 3 candle power, (bubble shape)		20
Normal socket size, 160 volt, 10 candle power		90
" " " , of two prong bayonet type, 160 volt, 25 candle power		7
Linolite, tubular shape, 160 volt, 15 candle power		25
" " " , silvered glass, 160 volt, 15 candle power		15
Small socket size, tubular shape, 160 volt, 3 candle power		9
Small socket size, spherical shape, 160 volt, 40 watt		32
" " " , Kripton type, 160 volt, 15 watt		70
" " " " " " " , 25 "		70
" " " " " " " , 40 "		30
" " " , two prong bayonet type, 160 volt, 25 candle power		5
For projection, spotlight, 160 volt, 500 watt		4
" " " " " , 1000 watt		1
For photography, 160 volt, 1000 watt		2
" " " " , 250 "		3
For Golint type socket, 160 volt, 500 watt		2
" " " " " " , 1000 "		6
" " " " " " , 1500 "		4
Tubular shape for display cases, 160 volt		1
Philora type, 160 volt, 250 watt		3
For automobile, 6 volt, 50 candle power		25
Special blue, 160 volt, 200 watt		1
Normal, 260 volt, 25 candle power		2
Type S.V.E.	2000 lumen	52099

Electric Conductor

Electric cord, insulated, aluminium; size 40 m/m sq.						200 Metres
" wire, aluminium, insulated, 300 V.; size 11 5/10						2,400 "
Electric wire, aluminium insulated, 300 V.; size					14/10	200 "
" " " "	"	"	600	"	"	1,000 "
" " " "	"	"	"	"	28/10	500 "
" " " "	"	"	"	"	32/10	250 "
" " , copper ,	"	"	"	"	10/10	600 "
" " "	"	"	300	"	12/10	1,500 "
" " "	"	"	600	"	14/10	900 "
" " "	"	"	1000	"	16/10	300 "
" " "	"	"	600	"	16/10	50 "
" " "	"	"	600	"	18/10	700 "
" " "	"	"	300	"	18/10	80 "
" " "	"	"	600	"	20/10	400 "
" " "	"	"	300	"	20/10	100 "
" " "	"	"	600	"	18/10	100 "

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At LUIGI CIULLINI, Via dei Servi, 74-72 R Florence, under control of AMG, 7th Army
Cont'd

Electric conductors cont'd	
Electric Cord, heavy 1 strand 0.25 rayon insulated	100 Metres
" " " " " 0.35 " "	100 "
" " " " " 0.50 " "	1,000 "
" " " 2 " 0.35 cotton "	240 "
" " " " " 1.0 " "	300 "
" " " 3 " 0.35 " "	70 "
Electric cord, silk insulated, for doorbell	100 "
" wire, aluminium, for bells, silk insulation	10 Kgs.
" lamp cord, varnish cloth covering	190 Metres
Telephone cable in 2 strands	70 "
" " " 6 "	180 "
" " " 8 "	80 "
" " "10 "	52 "
Electric cable, copper - lead covered; 2 strand; 14/10	35 Metres
" " , aluminium covered; 3 " "	50 "
" " " " " " 16/10	60 "
" " " " " " 40/10	15 "
" " " " ; "Jiutato"; 3 strand; 25 mm/sq.	10 "
Electric cable, aluminium covered; "Jiutato"; 3 strand; 16 mm/sq.	35 "
Electric cable, aluminium covered; "Jiutato"; 3 strand; 75 mm/sq.	30 "
Electric cable, rubber insulated; 2 strand, 0.50	50 "
" " " " " " 1.0	450 "
" " " " 3 strand 2.5	50 "
" " " " " " 3.0	198 "
Electric wire, copper, silk covered, mm 0.10	1,900 Kgs.
" " , enamel covered, " 0.60	4,290 "
" " " " " 0.25	830 "
Plug boxes, complete; 3 polar, 15 amps.; Sicilian type	13 Ea.
" " " ; 2 polar; " " " "	2 "
" " " " " " " " " (with screw type fuse)	40 "
" boxes, complete; 2 polar; 15 amps.	25 "
" " " 3 " " " ; with male plug	2 "
" " " 2 " 6 amps.; " bakelite plate	45 "
" " " " " " " ; porcelain "Simerac"	8 "
" " " " " " " ; "Siemens" type	10 "
" " " " " " " ; porcelain with lid	6 "
" " " " " " " ; " , round with lid	10 "
Switch, one way, tumbler type	153 "
" " " rotative type, "Bermann"	30 "
" " " " " , "Sicilian" type	20 "

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Electric cord, [illegible]	190 Metres
" wire, aluminium, for bells, silk insulation	70 "
" lamp cord, varnish cloth covering	180 "
Telephone cable in 2 strands	80 "
" " " 6 "	52 "
" " " 8 "	35 Metres
" " "10 "	50 "
Electric cable, copper - lead covered; 2 strand; 14/10	60 "
" " , aluminium covered; 3 " " 16/10	15 "
" " " " " " 40/10	
" " " " ; "Jiutato"; 3 strand;	10 "
25 mm/sq.	
Electric cable, aluminium covered; "Jiutato"; 3 strand;	35 "
16 mm/sq.	
Electric cable, aluminium covered; "Jiutato"; 3 strand;	30 "
75 mm/sq.	50 "
Electric cable, rubber insulated; 2 strand, 0.50	450 "
" " " " " " 1.0	50 "
" " " " 3 strand 2.5	198 "
" " " " " " 3.0	1,900 Kgs.
Electric wire, copper, silk covered, mm 0.10	4,290 "
" " , enamel covered, " 0.60	830 "
" " " " " 0.25	13 En.
Plug boxes, complete; 3 polar, 15 amps.; Sicilian type	2 "
" " ; 2 polar; " " " " (with	
screw type fuse)	40 "
" boxes, complete; 2 polar; 15 amps.	25 "
" " " 3 " " " ; with male plug	2 "
" " " 2 " 6 amps.; " bakelite plate	45 "
" " " " " " " ; porcelain "Simeroc"	8 "
" " " " " " " ; "Siemens" type	10 "
" " " " " " " ; porcelain with lid	6 "
" " " " " " " ; " , round	
with lid	10 "
Switch, one way, tumbler type	153 "
" " " rotative type, "Bermenn"	30 "
" " " " " , "Sicilian" type	20 "
" " " " " , porcelain	30 "
" " " " " , 15 amps.	15 "
" " " " "	90 "
Outside switch, rotative, porcelain	100 "
Fuse, 2 polar; 30 amps.	2 "
Automatic "Zeuss"; 10 amps.	2 "
Fuse, automatic "Zuess"; 1 polar	30 "
Fuse box, bakelite, for screw type fuses	115 "
Fuses, 2 polar; 6 amps.; bakelite	20 "
" , tongue shape "Aerre"	140 "
" , 1 polar; porcelain; 3 amps.	250 "
" , 2 polar, bakelite, snuff box type	50 "
" , "Florence"; 2 polar 10 amps.	3 "
" " " " 60 "	7 "
Fuse, silver wire, 50-80 amps.	80 "
" " " 100-200 "	60 "
" " " 300-450 "	35 "
" " " 200 amps. (long type)	20 "
" " " 300-6[illegible] amps	26 "

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At LUIGI GIULLINI, Via dei Servi 70-72 R, Florence, under control of AMG, 5th Army
Cont'd

Electric conductors cont'd		
Socket for thectrical footlights	60	Ea.
Sockets, porcelain with key curved base	7	"
" " , curved and straight base	74	"
Socket, porcelain for double reflector	18	"
" , normal size, porcelain	18	"
" " " , with double female plug	20	"
" , bakelite, normal size	320	"
" , brass, small size	150	"
" , normal and small size; two prong bayonet type	200	"
Push button switch box for bell	70	"
" " light switch; wall type	4	"
Plug male, 3 polar; 15 amps.	15	"
" " " " " " 'con terra'	50	"
" " 2 " " "	150	"
" " 3 " 6 "	55	"
Iron pipe, "Elios", 11 and 13	1,220	Metres
" " , elbow shape, "Elios", assorted sizes	3,000	"
Pipe, zinc covered, Bergmann type, 26/30 and 7/9 size	141	"
Pipe, copper covered, Bergmann type, size 13/16 (and accessories)	30	"
Electric motors		
"Marelli" make, 1 HP, 220 Volts, 50 periods, 950 revolutions	3	
" " , 6.5 HP, 260/450 volts, 2800 revolutions	1	
Transformers		
Triphase in oil bath, KW 2.5, 5000/260 volts	1	
Other types , KW .4 , 220/300 "	1	
" " , 260/24 "	1	
" " , 170/40 " , 200 watts	2	
" " " " " , 600 "	1	
" " 160/50 " 250 "	1	
" " 160/12 " 30 "	1	
" " 220/110 " 30 "	1	
" " 160/24 " 24 "	1	
" " 160/12 " 24 "	1	

At DITTA MANETTI, Via Dei Pucci 37 R, Florence, under control of AMG, 5th Army

Electric conductors		
Electric cord, insulated, 2 strands; 0.25 mm/sq., copper	6,100	Metres
" " " " " 0.35 " "	6,320	"
" " " " " 0.50 " "	5,714	"
" " " " " 0.75 " "	1,000	"
" " " " " 1.0 " "	1,300	"
" " " 3 " 0.25 " "	400	"
" " " " " 0.35 " "	850	"

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" " " " " " "con terra"		50 "
" " 2 " " "		150 "
" " 3 " 6 "		55 "
Iron pipe, "Elios", 11 and 13		1,220 Metres
" " , elbow shape, "Elios", assorted sizes		3,000 "
Pipe, zinc covered, Bergmann type, 26/30 and 7/9 size		141 "
Pipe, copper covered, Bergmann type, size 13/16 (and accessories)		30 "
Electric motors		
"Merelli" make, 1 HP, 220 Volts, 50 periods, 950 revolutions		3
" " , 6.5 HP, 260/450 volts, 2800 revolutions		1
Transformers		
Triphase in oil bath, KW 2.5, 5000/260 volts		1
Other types , KW 4 , 220/300 "		1
" " , 260/24 "		1
" " , 170/40 " , 200 watts		2
" " " " , 600 "		1
" " 160/50 " 250 "		1
" " 160/12 " 30 "		1
" " 220/110 " 30 "		1
" " 160/24 " 24 "		1
" " 160/12 " 24 "		1

At DITTA MANETTI, Via Dei Pucci 37 R, Florence, under control of AMG, 5th Army

Electric conductors	
Electric cord, insulated, 2 strands; 0.25 mm/sq., copper	6,100 Metres
" " " " " 0.35 " "	6,320 "
" " " " " 0.50 " "	5,714 "
" " " " " 0.75 " "	1,000 "
" " " " " 1.0 " "	1,300 "
" " " 3 " 0.25 " "	400 "
" " " " " 0.35 " "	850 "
" " " " " 0.50 " "	600 "
" " " 1 " .25 " "	520 "
" " " " " 0.35 " "	550 "
" " " " " 0.50 " "	100 "
Electric wire, insulated 1.25 mm/sq., aluminium	3,800 "
" " " 1.5 " "	11,300 "
" " " 3.0 " "	3,000 "
" " " 4.0 " "	400 "
" " " 5.0 " "	900 "
" " " 0.50 " , copper	525 "
" " " 0.75 " "	600 "
" " " 2.5 " "	400 "
" " " 3.0 " "	100 "
Electric cable, rubber insulated 2 strand, 1 mm/sq, copper	50 "
" " " " 3 " , 0.75 mm/sq "	50 "
" " " " " " 1.0 mm/sq "	60 "
" " " " 4 " 1.0 " "	150 "
" " , lead insulated 2 strand, 1.25 mm/sq, aluminium	400 "
Electric cable, lead insulated 2 strand, 1.5 mm/sq, aluminium	350 "

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At DITTA MATTEI, Via [illegible]ucci 37 R, Florence, under control of AMG, 5th Army, Cont'd

Electric conductors, cont'd	
Electric cable, lead insulated, 2 strand, 2.5 mm/sq. aluminium	250 Metres
Electric cable, lead insulated, 3 strand, 1.25 mm/sq. aluminium	150 "
Electric cable, lead insulated, 3 strand, 1.5 mm/sq. aluminium	200 "
Electric cable, lead insulated, 3 strand, 2.5 mm/sq. aluminium	50 "
Electric cable, lead insulated, 3 strand, 3.0 mm/sq. aluminium	100 "
Electric cable, lead insulated, 2 strand, 2.0 mm/sq. copper	70 "
Electric cable, lead insulated, 3 strand, 0.75 mm/sq, copper	30 "
Electric light fittings	
Sockets	6,339 Es.
Plugs, male	817 "
Plugs, for electric appliances	1,100 "
Plugs, female	1,937 "
Fuses, snuff-box type	253 "
" , "Edison"	127 "
" , "Aerce"	220 "
Switches, one way	3,634 "
" , deviator type	2,770 "
" , commutator type	717 "
" , inverter type	250 "
Outlet boxes	830 "
Transformers, 15 watt	10 "
" , 10 "	3 "
" , 20 "	7 "
Electric bells	59 "
Voltmeters	4 "
Push buttons, electric bell	330 "
Ceiling plates for drop cords, wood, 6 cm.	3,300 "
" " " " " , 7 "	1,000 "
" " " " " , 8 "	1,000 "
Wall switch cases, wooden	400 "

At DITTA ADOLFO FERRINI, Via Nazionale, 13, Florence, under control of AMG, 5th Army

Electric wire, for electric bell, 6/10	2,200 Metres
Electric light bulbs	
Edison type, spherical, clear, 3 watt, 160 volt	150
" " , bubble shape, clear, 5 watt, 160 volt	150
" " , spherical, clear, 10 watt, 160 volt	70
Monowatt type, clear, 15 watt, 160 volt	27
Argo type, " 25 " " "	49

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		70 "
Electric cable, lead insulated, 3 strand, 0.75 mm/sq. copper		80 "
Electric light fittings		
Sockets	6,339	Ea.
Plugs, male	817	"
Plugs, for electric appliances	1,100	"
Plugs, female	1,937	"
Fuses, snuff-box type	253	"
" , 'Edison'	127	"
" , 'Acree'	220	"
Switches, one way	3,634	"
" , deviator type	2,770	"
" , commutator type	717	"
" , inverter type	250	"
Outlet boxes	830	"
Transformers, 15 watt	10	"
" , 10 "	3	"
" , 20 "	7	"
Electric bells	59	"
Voltmeters	4	"
Push buttons, electric bell	330	"
Ceiling plates for drop cords, wood, 6 cm.	3,300	"
" " " " " , 7 "	1,000	"
" " " " " , 8 "	1,000	"
Wall switch boxes, wooden	400	"

At DITTA ADOLFO FERRINI, Via Nazionale, 1, Florence, under control of AMG, 5th Army

Electric wire, for electric bell, 6/10	2,200	Metres
Electric light bulbs		
Edison type, spherical, clear, 3 watt, 160 volt	150	
" " , bubble shape, clear, 5 watt, 160 volt	150	
" " , spherical, clear, 10 watt, 160 volt	70	
Monowatt type, clear, 15 watt, 160 volt	27	
Argo type, " 25 " " "	49	
Mitra type, " " " " "	16	
" " " 40 " " "	39	
" " " 100 " " "	1	
" " " 200 " " "	32	
" " " 200 " 170 "	2	
" " " 300 " 160 "	6	
" " " 500 " " "	6	
" " " 750 " " "	1	
Mignon, (small size socket) type, spherical, clear, 10 watt, 160 volt	89	
Monowatt type, clear, 15 watt, 10 volt	235	
Linestra type, 'Day light bulb', blue glass, 100 watt, 160 volt	2	

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At DITTA ADOLFO FERRINI, [illegible] Montebello, 13, Florence, under [illegible]ntrol of AMG, 5th Army, Contd

Electric light fittings		
Reflectors, R.L.M.,	cm 30	42
" "	" 35	17
" , painted		500
Electric wire, 8/10		500 metres
" " , 14/10		400 "
Switches, "Rapizzi" type, 202 bipolar		30 Es.
" " " , 200 "		30 "
" " " , 100 unipolar		50 "
" , lever type, bipolar, 20 amps.		37 "
" " " , tripolar, 10 amps.		20 "
Transformers, 5 watt		121 "
" 10 "		10 "
Electric cable, copper, rubber insulated, 2 strand, o.50		700 Metres

At DOLFI & GIOVANNINI, Via Pietrapiana, 67-69-71, Florence, under control of AMG, 5th Army

Light bulbs (for automobiles)		
6 volt - 3 watt, Micromignon type		80
" " " " , Siluro "		50
" " 5 " , Svan "		50
" " 35 x 35 watt, Bosch "		30
12 " 3 watt, Micromignon "		70
" " " " , Siluro "		140
" " 5 " , Svan "		40
" " 35 " , Bosch "		150
" " " " , Svan "		20
" " " " , Bosch "		30
" " " " , Fiat "		15
24 " 3 " , Micromignon "		10
" " " " , Siluro "		100
" " 5 " , Svan "		20
" " 20 " , Bosch "		150
" " 35 " , " "		220
" " 35 x 35 watt, Bosch "		100
" " 50 x 50 " " "		10
Batteries (for automobiles)		
12 volt for Fiat 500		8
" " " " 1100		17
" " 60 amps		1
Cable (automobile)		
Ignition cable, type Sterlingato, assorted sizes m/m 1 to m/m 3.		2,105 Metres
Starter cable, m/m 25		75 "
" " " 50		20 "

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At DOLZI & GIOVANNINI, Via Pietrapiana, 67-69-71, Florence, under control of AMG, 5th Army

Light bulbs (for automobiles)		
6 volt - 3 watt, Micromignon type	80	
" " " " , Siluro "	50	
" " 5 " , Svan "	50	
" " 35 x 35 watt, Bosch "	30	
12 " 3 watt, Micromignon "	70	
" " " " , Siluro "	140	
" " 5 " , Svan "	40	
" " 35 " , Bosch "	150	
" " " " , Svan "	20	
" " " " , Bosch "	30	
" " " " , Fiat "	15	
24 " 3 " , Micromignon "	10	
" " " " , Siluro "	100	
" " 5 " , Svan "	20	
" " 20 " , Bosch "	150	
" " 35 " , " "	220	
" " 35 x 35 watt, Bosch "	100	
" " 50 x 30 " " "	10	
Batteries (for automobiles)		
12 volt for Fiat 500	8	
" " " " 1100	17	
" " 60 amps	1	
Cable (automobile)		
Ignition cable, type Sterlingato, assorted sizes m/m 1 to m/m 3,	2,105	Metres
Starter cable, m/m 25	75	"
" " , " 50	20	"

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At CESARE MASINI, Via Bufalini, 13, Florence, under control of AMG, 5th Army

Electric cord, 2 strand, 0.50	200	Metres
" " , " " 0.35	200	"
" " " " 0.25	350	"
" " 3 " 0.35	200	"
" " 2 " 0.75	150	"
" " " " 1.0	60	"
Electric cable, lead covered, 2 strand, 10	50	"
" wire, black insulated	450	"
" " " " , 8	80	"
" " , for bell	1,000	"
Electric cable, varnished cloth insulation, 2 strand	250	"
" cord, copper	1,000	"
" wire, aluminium, 22	100	"

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At CMS.PE M.SINI, Via Botolini 13, Florence, under control of AMG 5th Army (cont'd)

Electric wire, aluminium, 25/10	150 Metres
Sockets, Edison type	250 each
" " " " , curved bases and straight	170 "
" , Goliet type	20 "
" , curved base with key	15 "
Switch wall boxes, assorted	200 "
Switches, deviator type, for outside	250 "
Transformers, 160 to 3 volts	10 "
" , 170 to 20 volts	2 "

At EZIO ST.CI, Via Ortuolo 37, Florence, under control of AMG 5th Army.

Electric cord, 1 strand, 0.25	400 Metres
" " , 1 " , 0.50	300 "
" " , 2 " , 0.25	500 "
" " , 2 " , 0.35	835 "
" " , 2 " , 1.0	200 "
" " , 3 " , 0.50	700 "
Electric wire, copper, 300 volts, 12/10	400 "
" " , " , 600 " , 8/10	300 "
" " , " , 600 " , 12/10	600 "
" " , " , 1000 " , 10/10	200 "
" " , aluminium, 300 volts, 18/10	490 "
" " , " , 600 " , 14/10	200 "
Electric cable, lead insulated, 1 strand, 10/10	50 "
" " , " " , 1 " , 12/10	102 "
Electric light bulbs - 260 volts, 60 watt	3 each
260 " , 100 "	3 "
160 " , 10 candle power	24 "
160 " , 25 " "	3 "
Transformers for electric bell, 5 watt	4 "
" " " " , 10 "	5 "
Switches, various types	270 "

At RADIO ELETTRICA PLETTOLI, Via Delle Vigne Nuove 45, Florence, under control of AMG 5th Army.

Electric wire, aluminium, 8/10, for electric bell	100 Metres
" cord, copper, 1 strand, 0.50	200 "
" cord, copper, 2 strand, 0.50	200 "
" cable, varnished cloth insulated, 2 strand, 0.50, copper	40 "
" cord, aluminium, tubular, 2 strand, 0.50	80 "
" cable, copper rubber insulated, 4/2	30 "
Wall plugs, female, bakelite, 6 Amps.	25 each
Wall plugs, female, porcelain, 6 Amps.	15 "
Sockets, bakelite, with base for wall attachments	15 "

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[illegible] Via Cavour 27, Florence, under control of AMG 5th Army.

Electric cord, 1 strand, 0.25	400 Metres
" " , 1 " , 0.50	300 "
" " , 2 " , 0.25	500 "
" " , 2 " , 0.35	856 "
" " , 2 " , 1.0	200 "
" " , 3 " , 0.50	700 "
Electric wire, copper, 300 volts, 12/10	400 "
" " " , 600 " , 8/10	900 "
" " " , 600 " , 12/10	800 "
" " " , 1000 " , 10/10	200 "
" " , aluminium, 300 volts, 18/10	490 "
" " " , 600 " , 14/10	200 "
Electric cable, lead insulated, 1 strand, 10/10	50 "
" " , " " , 1 " , 12/10	102 "
Electric light bulbs - 260 volts, 60 watt	3 each
260 " , 100 "	3 "
160 " , 10 candle power	24 "
160 " , 25 " "	3 "
Transformers for electric bell, 5 watt	4 "
" " " " , 10 "	5 "
Switches, various types	270 "

At RADIO ELETTRICA PLATTOLI, Via della Vigna Nuova 45, Florence, under control of AMG 5th Army.

Electric wire, aluminium, 8/10, for electric bell	100 Metres
" cord, copper, 1 strand, 0.50	200 "
" cord, copper, 2 strand, 0.50	200 "
" cable, varnished cloth insulated, 2 strand, 0.50, copper	40 "
" cord, aluminium, tubular, 2 strand, 0.50	80 "
" cable, copper rubber insulated, 4/2	30 "
Wall plugs, female, bakelite, 6 Amps.	25 each
Wall plugs, female, porcelain, 6 Amps.	15 "
Sockets, bakelite, with base for wall attachments	15 "
Plugs, female, for extension wires, 6 Amps.	20 "
Plugs, female, 15 Amps tripolar, bakelite (with added male prongs)	14 "
Sockets, assorted	30 "

At ELETTRICIT[illegible], Via Rena 16, Florence, under control of AMG 5th Army.

Electric cord, 2 strand, 0.35	500 Metres.
" " , 3 " , 0.35	300 "
Electric wire, 12/10, aluminium	400 "
" " , 18/10, "	400 "
Switches, electric light, common	75 each
" , tripolar, 20 Amps.	6 "
Electric light bulbs, 5 candle power, 160 volt	50 "
Electric light sockets, normal, bakelite	50 "
" " " , with base for wall attachments, bakelite	30 "

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At DITTA MORDINI DI DOMENICO & FRANCHI, Via Brunelleschi 2, Florence, under control of AMG 5th Army.

Motors, monophase, 0.5 HP; 260 Volts	3 each
Electric cord, copper, 2 strand, 0.25	1900 Metres
Switches, tripolar; 20 Amps	6 each
Switches, bipolar; 10 Amps	12 "
Switches, unipolar; 30 Amps	3 "
Electric wire, 12/10	200 Metres
Reflectors, iron, enamel surfaced, outside oval	3 each
Reflectors, glass with mirror surface	15 "

At C.V. S. SPINELLI & FIGLIO, Viale Principe Amedeo 12, Florence, under control of AMG 5th Army.

Pipe, brass, Bergmann type, for light fixtures	150 Metres
Pipe, Bergmann type	83 "
" " "	122 "
Pipe, brass, Bergmann type, for light fixtures	150 "
Pipe, Bergmann type	84 "
Switch on cords	20
Outside switch, porcelain	4
Switch, obein type	25
Electric bell switch, push button type	45
Switches, assorted	85
Plugs, porcelain, unipolar, for electric appliances	930
Outlet boxes, porcelain	32
Plugs, female, small size	20

At JESSMINT & DE ANGELIS, Via Cerfia 23 R, Florence, under control of AMG 5th Army.

Basket protectors for electric light bulbs, wall type	25 each
Wall switch, commutator, lever type	75 "
Wall switch, push button type	70 "
Wall switch, rotative type	60 "
Socket, normal, with bakelite base for wall attachment	150 "
Socket, small size aperture, with key	20 "
Electric bell	20 "
Switches, Napitzi type, assorted	20 "
Socket, normal in bakelite	50 "
Plug, female, common type	100 "
Switch-on-cord, pear shape, one way	50 "
Switch-on-cord, pear shape, deviator type	50 "
Electric wire for bell, 8/10	1500 Metres
Electric cord, 2 strand, 0.50	200 "
Socket, normal, with key	10 each
Fuse, bipolar 4 bollits, 6 Amps.	6 "
Plugs, male 15 Amps, bipolar	15 "
Plugs, normal	50 "

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at C.V. S. SPIRITO & PIAZZA, Viale Principe Amedeo 12, Florence under control of AMG 5th Army.

Pipe, brass, Borgmann type, for light fixtures	180	Metres
Pipe, Borgmann type	89	"
" " "	122	"
Pipe, brass, Borgmann type, for light fixtures	150	"
Pipe, Borgmann type	84	"
Switch on cords	20	
Outside switch, porcelain	4	
Switch, chain type	25	
Electric bell switch, push button type	44	
Switches, assorted	85	
Plugs, porcelain, unipolar, for electric appliances	330	
Outlet boxes, porcelain	52	
Plugs, female, small size	20	

at [illegible] & Co. [illegible], Via Guelfa 22 R, Florence, under control of AMG 5th Army.

Basket protectors for electric light bulbs, wall type	25	each
Wall switch, commutator, lever type	70	"
Wall switch, push button type	70	"
Wall switch, rotative type	60	"
Socket, normal, with bakelite base for wall attachment	150	"
Socket, small size aperture, with key	20	"
Electric bell	20	"
Switches, Bepizzi type, assorted	20	"
Socket, normal in bakelite	50	"
Plug, female, common type	100	"
Switch-on-cord, pear shape, one way	50	"
Switch-on-cord, pear shape, deviator type	50	"
Electric wire for bell, 8/10	1500	Metres
Electric cord, 2 strand, 0.50	200	"
Socket, normal, with key	10	each
Fuse, bipolar bakelite, 6 Amps.	6	"
Plugs, male 15 Amps. bipolar	15	"
Plugs, normal	50	"
Plugs, female, 15 Amps. bipolar	15	"
Wall switches, push button type, bakelite, assorted	25	"
Sockets, normal with shade clamp	10	"
Switch, rotative, bakelite	30	"
Porcelain disks, type "Borchia"	50	"

at "[illegible] S.p.A." Via [illegible] Prosperino 19, Florence, under control of AMG 5th Army.

Motors. Direct current 150/300 volts, ½ HP	2	each
Alternating current, 260 volts from HP 0.3 to HP 0.9	4	"
	255	"
Switches, on/off, various types	45	"
Switches, deviator type, assorted	6	"
Switches, one way, industrial type	475	Metres
Electric cord, copper, 1 strand, 0.50	653	"
" " " 1 " 0.75	639	"
" " " 2 " 0.25	300	"
" " " 2 " 0.35		

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At "A.E.S.", Via Bo[illegible]rosanelo, 25, Florence, under [illegible]ntrol of AMG, 5th Army, Cont'd

Motors, complete		
Electric cord, copper, 2 strand, 0.50	613	Metres
" " " " " , 0.75	23	"
" " " 3 " , 0.35	445	"
Electric cable, lead insulated, copper, 2 strand, 12/10	150	"
" " , varnished cloth insulated copper, 2 strand, 12/10 m	250	"
Electric cable, varnished cloth insulated copper, 3 strand, 14/10 m	50	"
Electric wire, insulated in copper, 14/10	120	"
" " " " " , 16/10	300	"
" " " " " , 20/10	150	"
" " " aluminium, 10/10	150	"
" " " " " , 12/10	200	"
" " " " " , 18/10	155	"
Electric wire, insulated, for rewinding armatures (In enamel and cloth insulation from 0.1 to 0.4 mm)	1,450	"

At OTTAVO CHERUCI, Via Giuseppe Orsini, 83 R, Florence, under control of AMG, 5th Army

Electric light bulbs		
"Mignon" for small size socket, assorted candle power, olive and spherical shape, 160 volt	800	Es.
Normal socket size, 3 candle power, 160 volt	700	"
" " " , 5 " " " "	240	"
" " " , 40 watt, 160 volt, Argon	70	"
" " " , 150 " , 130 " "	50	"
" " " , 200 " , " " "	20	"
" " " , 40 " , " " "	70	"
" " " , 15 " , " " " , bubble shape	70	"
" " " , 3 " , 130/140 volt	200	"
" " " , 5 " , 130 volt	300	"
" " " , 10 " , 140 "	350	"
Electric wire, black insulated, 12/10 to 32/10, aluminium	12,000	Metres
Electric fittings		
Sockets, bakelite	1,000	Es.
" , aluminium	900	"
Switch-on-cord, pearshape	400	"
Ceiling plate for drop cord, porcelain	300	"
Wall plug, female	50	"
Sockets, assorted various types	100	"
Switches, tripolar, 25 - 40 amps.	60	"
Ceiling plates, wood, assorted sizes, for drop cord	2,000	"
Bakelite plates for switch boxes, various	50	"
Plug, female, assorted	300	"
Plug, male, assorted		

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" " " " " , 18/10	155	"
Electric wire, insulated, for rewinding armatures (In enamel and cloth insulation from 0.1 to 0.4 mm)	1,450	"

At OTTAVO CHERICI, Via Giuseppe Orsini, 83 R, Florence, under control of AMG, 5th Army

Electric light bulbs		
"Mignon" for small size socket, assorted candle power, olive and spherical shape, 160 volt	800	Es.
Normal socket size, 3 candle power, 160 volt	700	"
" " " , 5 " " " "	240	"
" " " , 40 watt, 160 volt, Argon	70	"
" " " , 150 " , 130 " "	50	"
" " " , 200 " , " " "	20	"
" " " , 40 " , " " "	70	"
" " " , 15 " , " " " , bubble shape	70	"
" " " , 3 " , 130/140 volt	200	"
" " " , 5 " , 130 volt	300	"
" " " , 10 " , 140 "	350	"
Electric wire, black insulated, 12/10 to 32/10, aluminium	12,000	Metres
Electric fittings		
Sockets, bakelite	1,000	Es.
" , aluminium	900	"
Switch-on-cord, pearshape	400	"
Ceiling plate for drop cord, porcelain	300	"
Wall plug, female	50	"
Sockets, assorted various types	100	"
Switches, tripolar, 20 - 40 amps.	60	"
Ceiling plates, wood, assorted sizes, for drop cord	2,000	"
Bakelite plates for switch boxes, various	50	"
Plug, female, assorted	300	"
Plug, male, assorted	200	"

At MANLIO MAZZONCHI, Via Carlo Farenti, 24, Florence, under control of AMG, 5th Army

Electric motors		
"Marelli", AO 114 220/42 V 1200 revolutions,	0.3 HP	1 Es.
" " 114 260/50 V 1400 "	0.3 HP	1 "
" " 124 150/260 V 1400 "	0.5 HP	2 "
~~" " 134 150/260 V 1400 "~~	~~0.55 HP~~	~~1 "~~
" " 134 150/260 V 1400 "	0.7 HP	1 "
" " 224 150/260 V 1400 "	1 HP	1 "
" " 316 150/260 V 940 "	1 HP	1 "

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At S.A.C.E.R., Via dei Cerchi, 2, and stabile Via Condotta, 40, Florence, under control of AMG, 5th Army.

Electric light bulbs, small socket size.

Spiral shape bulb, 16/25 watts, 110 volts	54 Ea.
Tubular " " 10 " , 60 "	44 "
Spherical shape bulb, 10 watts, 24 volts	12 "
" " " , 25 " , 110 "	20 "
Coated "Milkish White", ½ candle power, 160 volts	54 "
"Svan" type socket, 15 candle power, 160 volts	25 "

Electric light bulbs, normal size socket.

10 watt, 260 volts	42 Ea.
50 " , 70 "	50 "
200 " , 260 "	11 "
300 " , 160 "	8 "
½ candle power, 160 volts	53 "
20 " " " " , blue	72 "
25 " " " " , radiolite	15 "
200 watt, 160 volts, solar type	4 "
40 " " " "	11 "
60 " " " "	9 "
1000 " , 9 " " "	6 "
40 & 25 watt, 260 volts	78 "
150 watt, 110 volts	21 "
300 " " "	4 "
10/25/40 watt, 160 volts, various colors	78 "
25 watt, 60 volts, various colors	7 "
200 " , 160 " , milkish white	2 "
50 & 100 watt, 80 volts	32 "
200 watt, 160 volts, "Galia" type socket	16 "

Electric cable, cord and wire.

Wire, copper, 1 strand, 0.50, rubber insulated	300 Meters
Cord	250 "
Cord, 3 strand, 0.50	300 "
Wire, electric bell	100 "
Cord, 1 strand, 0.35	200 "
Wire, copper & aluminium, 10/10, 12/10	1,050 "
Wire, 25/10	50 "
Cord, 12/10	75 "
Cable, lead insulated, aluminium 2/14	300 "

Electric light fittings.

Sockets, Edison, bakelite	195 Ea.
Wall sockets, with flat base, bakelite	235 "
Switch box plates, porcelain	

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" candle power, 160 volts	53	"
20 " " " " , blue	72	"
25 " " " " , radiolite	15	"
200 watt, 160 volts, solar type	4	"
40 " " " "	11	"
60 " " " "	9	"
1000 " , 9 " " "	6	"
40 & 25 watt, 260 volts	78	"
150 watt, 110 volts	21	"
300 " " "	4	"
10/25/40 watt, 160 volts, various colors	78	"
25 watt, 60 volts, various colors	7	"
200 " , 160 " , milkish white	2	"
50 & 100 watt, 80 volts	32	"
200 watt, 160 volts, "Galia" type socket	6	"

Electric cable, cord and wire.

Wire, copper, 1 strand, 0.50, rubber insulated	300	Meters
Cord	250	"
Cord, 3 strand, 0.50	300	"
Wire, electric bell	100	"
Cord, 1 strand, 0.35	200	"
Wire, copper & aluminium, 10/10, 12/10	1.050	"
Wire, 25/10	50	"
Cord, 12/10	75	"
Cable, lead insulated, aluminium 2/14	300	"

Electric light fittings.

Sockets, Edison, bakelite	195	Ea.
Wall sockets, with flat base, bakelite	235	"
Switch box plates, varnished, metal	145	"
Switches, bipolar	12	"
" , triphase	14	"
" , unipolar	18	"
Fuse, automatic safety type	22	"
Ceiling plates for drop cord, wood	335	"
Plugs, male	300	"
" , female	450	"
Switches	110	"
Switch-on-cord, pear shape	46	"
Push button switch, electric bell	26	"
" " " , on cord, electric bell, pear shape	15	"
Switches, extension cord	32	"
Sockets with key	25	"
Reflector and shade grips, screw type	20	"
Switches, deviator type	35	"
" , push button type	22	"
Plugs, female, unipolar for electric appliances	15	"

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At A. FISSI, Via degli Alfani, 21 R. Florence, under control of AMG, 5th Army.

Electric wire, aluminium, 14/10	700	Meters
" " , copper 12/10	300	"
Telephone cable, 2 strand, lead insulated	240	"
Switches, one way, bakelite	100	Each
" , deviator type, bakelite	100	"
Wall switch boxes	200	"
Electric motor, HP 1.5, volts 260	1	"

~~At FERRAMENTA CORIANCHI, Via Borgo Santa Croce, 8, Florence, under control of AMG, 5th Army.~~

~~Steel cable, in strands, m/m 3~~ ~~600 Meters.~~

At GUIDO CIACHETTI, Via Verdi, 58A, Florence, under control of AMG, 5th Army.

Electric light bulbs, 5 watt, 160 volt, normal	120	Each
Electric light bulbs, 10 candle power, small size socket (Mignon)	50	"

Electric light fittings.

Switches, one way	120	"
Plugs, wall, female	197	"
Sockets, wall, with base	100	"
" , simple type	95	"
Transformers, 5 watt	10	"
" , 10 "	10	"
Wall switch boxes	200	"
Switches, metal. 30 - 50 amp.	3	"
" , "Rapizzi", 20 amp, unipolar	20	"
" " " " , bipolar	20	"
" " " " , tripolar	20	"
" " 35 " "	10	"
" " 70 " "	5	"
Insulating varnish	5	Kgs.
Insulating tape, white & black	25	Meters

At BENEDETTO PALCHETTI & FIGLI, Via Pierluigi de Palestrina, 14, Florence, under control of AMG, 5th Army.

Electric welding rods.

Electrodes, ILSSA - "Viola" type, m/m 2	5,000	Es.
Electrodes, ILSSA - "Viola" type, m/m 4	2,000	Es.

At GIULIO COLOMPIERA, Via Saraceno, 40, Florence, under control of AMG, 5th Army.

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At GUIDO GIACHETTI, Via Verdi, 56, Florence, under control of AMG, 5th Army.

Electric light bulbs, 5 watt, 160 volt, normal	120	Each
Electric light bulbs, 10 candle power, small size socket (Mignon)	50	"

Electric light fittings.

Switches, one way	120	"
Plugs, wall, female	197	"
Sockets, wall, with base	100	"
" , simple type	95	"
Transformers, 5 watt	10	"
" , 10 "	10	"
Wall switch boxes	200	"
Switches, metal, 30 - 50 amp.	3	"
" , "Rapizzi", 20 amp. unipolar	20	"
" " " " , bipolar	20	"
" " " " , tripolar	20	"
" " 35 " "	10	"
" " 70 " "	5	"
Insulating varnish	5	Kgs.
Insulating tape, white & black	25	Meters

At BENEDETTO PALCHETTI & FIGLI, Via Pierluigi de Palestrina, 14, Florence, under control of AMG, 5th Army.

Electric welding rods.

Electrodes, ILSSA - "Viola" type, m/m 2	5,000	Es.
Electrodes, ILSSA - "Viola" type, m/m 4	2,000	Es.

At GIULIO COLONPIGNA, Via Sarecano, 40, Florence, under control of AMG, 5th Army.

Electric light cord, 2 strand, 0.25	20,000	Meters
" " " " " , 0.35	10,000	"
" " " " " , 0.75	6,000	"
Electric wire, aluminium, 28/10	2,500	"
Electric wire, copper, 8/10	4,000	"

At A. TORCUOLI, Via Cimatori, 10, Florence, under control of AMG, 5th Army.

Cable.

Telephone cable, two strand, 6/10	200	Meters
Electric cable, lead insulated, copper, 2 strand, 10/10	100	"
Electric wire, in aluminium, for electric bell	500	"
Electric cord, twist-braided, copper, 10/10	500	"

Plugs.

Female, 6 amps, bekelite	100	Each
" , 15 " , terracotta	25	"
Wall plugs, 6 amps, female	25	"

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At A.R.D.E., Via dei Giglio, 4, Florence, under control of AMG, 5th Army (Cont'd).

Electric cable, lead insulated, 2 strand, 12/10	300 Meters
Electric cable, lead insulated, for telephone	510 Meters

At DE SOCIO FRANCESCO-CAMPOBASSO, under control of AC.

Accumulators	360 Kgs.

At STOLETTIFICIO R. ESERCITO, Via Flaminia, Rome, under control of AC Army Sub-Commission.

Switch gear with glass	195 Each
Edison fuses	12 "
Bakelite tin switch gear	230 "
Siemens switch gear	2 "
Star triangle switch gear - 60A	2 "
Mercury lamps	96 "
Oil Switch gear, 3 x 50A	4 "
" " " , 3 x 100A	8 "
Electric switch gear in oil	32 "
Switch gear - 25A	19 "

At A.M.I.T., Via Cavour, 80 R, Florence, under control of AMG, 5th Army.

Switches, bakelite, tripolar with fuse, 15 amps, 300 V, 53	110 Each
Starter switch, electric motor, 20 amp, "Stella Triangolo" type	20 "
Switches, bakelite, tripolar with fuse (in semi-manufactured state)	300 "
Throw switch (two way), ahead-stop-reverse for electric motor, 10 amp.	4 "
Starter switch, electric motor, 40 amp, "Stella Triangolo" type	

At CUCCHIETTI EULINO, Piazza Covinaun, 5, Florence, under control of AMG, 5th Army.

Electric wire, black insulation, aluminium, gauge 14/10	300 meters
Electric wire, black insulation, aluminium, gauge 18/10	100 "
Electric wire, black insulation, aluminium, gauge 30/10	200 "
Electric wire, black insulation,	

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300 Kgs.

At STABILIMENTO R. ESERCITO, Via Flaminia, Rome, under control of AC Army Sub-Commission.

Switch gear with glass	195	Each
Edison fuses	12	"
Bakelite tin switch gear	230	"
Siemens switch gear	2	"
Star triangle switch gear - 60A	2	"
Mercury lamps	96	"
Oil Switch gear, 3 x 50A	4	"
" " " , 3 x 100A	8	"
Electric switch gear in oil	32	"
Switch gear - 25A	19	"

At A.M.I.T., Via Cavour, 89 R, Florence, under control of AMT, 5th Army.

Switches, bakelite, tripolar with fuse, 15 amps, 300 V, 3	110	Each
Starter switch, electric motor, 20 amp, "Stella Triangolo" type	20	"
Switches, bakelite, tripolar with fuse (in semi-manufactured state)	300	"
Throw switch (two way), shand-stop-reverse for electric motor, 10 amp.	4	"
Starter switch, electric motor, 40 amp, "Stella Triangolo" type		

At CUCCIURI ZULINO, Piazza Covinaia, 5, Florence, under control of AMT, 5th Army.

Electric wire, black insulation, aluminium, gauge 14/10	300	meters
Electric wire, black insulation, aluminium, gauge 18/10	100	"
Electric wire, black insulation, aluminium, gauge 30/10	200	"
Electric wire, black insulation, aluminium, gauge 32/10	600	"
Electric cord, bimetallic, gauge 14/10	1,000	"
Telephone cable, lead insulated, 1 pair strand, in sections of 10 to 20 meters	300	"
Electric light bulbs, 300 watt, 160 volt, "Goliath" type socket (larger than Edison normal)	6	Each

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At A. TORZUOLI, Via Cimatori, 10, Florence under control of AMG, 5th Army (Cont'd).

Switches.

Wall switches, tumbler style, one way	25	Each
" " " " , commutator	25	"
" " " " , inverter	50	"
" " " " , "Replexi"		
2:20 with fuses	10	"

At DITTA V. GALLI, Via del Corso, 6, Florence, under control of AMG, 5th Army.

Electric cord, 2 strand, 0.25, rayon covered	250	Meters
Electric cord, in braid, black	200	"
Plugs, female, tripolar, 3 amps.	200	Each
Wall switches, one way and deviator type	14	Each

At A.P.D.E., Via dei Giglio, 4, Florence, under control of AMG, 5th Army.

Conductors of copper and aluminium.

Electric light cord, insulated, 2 strand, 0.25 mm. sq.	909	Meters
Electric light cord, insulated, 2 strand, 0.35 mm. sq.	2468	"
Electric light cord, insulated, 2 strand, 0.50 mm. sq.	1187	"
Electric light cord, insulated, 2 strand, 0.75 mm. sq.	477	"
Electric light cord, insulated, 2 strand, 1.0 mm. sq.	100	"
Electric light cord, insulated, 3 strand, 0.25 mm. sq.	900	"
Electric light cord, insulated, 3 strand, 0.35 mm. sq.	900	"
Electric light cord, insulated, 3 strand, 0.50 mm. sq.	500	"
Electric light cord, insulated, 1 strand, 0.25 mm. sq.	2500	"
Electric light cord, insulated, 1 strand, 0.35 mm. sq.	2700	"
Electric light cord, two strand (individually insulated) single cord, silk covered, 0.25 mm. sq.	100	"
Electric light cord, two strand (individually insulated) single cord, cotton covered, 0.35 mm. sq.	100	"
Electric light cord, varnished cloth insulated, 2 strand, 0.50 mm. sq.	600	"
Electric light cord, varnished cloth insulated, 3 strand, 0.50 mm. sq.	200	"
Electric light cord, varnished cloth		

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type 14 Each

At A.R.P.E., Via dei Giglio, 4 Florence. under control of AMG. 5th Army.

Conductors of copper and aluminium.

Electric light cord, insulated, 2 strand, 0.25 mm. sq.	909	Meters
Electric light cord, insulated, 2 strand, 0.35 mm. sq.	2468	"
Electric light cord, insulated, 2 strand, 0.50 mm. sq.	1187	"
Electric light cord, insulated, 2 strand, 0.75 mm. sq.	477	"
Electric light cord, insulated, 2 strand, 1.0 mm. sq.	100	"
Electric light cord, insulated, 3 strand, 0.25 mm. sq.	900	"
Electric light cord, insulated, 3 strand, 0.35 mm. sq.	900	"
Electric light cord, insulated, 3 strand, 0.50 mm. sq.	500	"
Electric light cord, insulated, 1 strand, 0.25 mm. sq.	2500	"
Electric light cord, insulated, 1 strand, 0.35 mm. sq.	2700	"
Electric light cord, two strand (individually insulated) single cord, silk covered, 0.25 mm. sq.	100	"
Electric light cord, two strand (individually insulated) single cord, cotton covered, 0.35 mm. sq.	100	"
Electric light cord, varnished cloth insulated, 2 strand, 0.50 mm. sq.	600	"
Electric light cord, varnished cloth insulated, 3 strand, 0.50 mm. sq.	200	"
Electric light cord, varnished cloth insulated, 2 strand, 0.75 mm. sq.	300	"
Electric light cord, varnished cloth insulated, 2 strand, 1.0 mm. sq.	200	"
Electric wire, aluminium, 12/10	1970	"
" " " , 14/10	973	"
" " " , 16/10	1400	"
" " " , 18/10	1801	"
" " " , 20/10	1063	"
" " " , 22/10	1093	"
" " " , 25/10	1400	"
" " " , 28/10	1935	"
Electric wire, insulated, 10/10	854	"
" " , electric bell	4536	"
Electric cable, lead insulated, 2 strand, 8/10	300	"
Electric cable, lead insulated, 2 strand, 10/10	300	"

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At DITTA RUGGERO GOTTA, Via le Principessa Clothildi, Florence, under control of AMG, 5th Army.

Electric wire, black insulation, gauge 8/10	100	Meters
" " " " " 10/10	80	"
" " " " " 18/10	30	"
" " " " " 35/10	38	"
" " , electric bell	200	"
Electric cord, silk covered insulation, 2 strand, 0.25	150	"
Electric cord, silk covered insulation, 1 strand, 0.50	130	"
Electric cord, silk covered insulation, 2 strand, 0.25	300	"
Electric cord, silk covered insulation, 2 strand, 0.35	400	"
Electric cord, silk covered insulation, 2 strand, 0.50	80	"
Switches, one way, outside	30	Each
Wall switches, one way	20	"
Electric light bulbs, assorted	186	"

At PIETRO BORGOGNONI, Via dei Banci, 13, Florence, under control of AMG, 5th Army.

Electric cord, twisted pair, 2 strand, 0.50	30	Meters
" " " " 1 " , 0.25	190	"
" " " " 3 " , 0.75	50	"
" " " " " " , 0.35	74	"
Wall switches, one way, rotary type bakelite	9	Each
Switch, commutator type, bakelite	31	"
" , two way, bakelite	7	"
" , commutator type, in porcelain	20	"
Sockets, normal size, bakelite	13	"
Wall switch, push button type, one way	5	"
" " " " " , two "	9	"
Wall sockets, with flat base, bakelite	7	"
" " , for theatrical foot lights, porcelain	6	"
Switch, tripolar, with fuse of 20 amps, in bakelite	1	"
Switch, unipolar, with fuse of 20 amps, in bakelite	4	"
Fuse, unipolar, round, 6 amps.	1	"
Wall switch, lever type (without box)	9	"
Wall switch, rotary type " "	10	"
Wall switch, commutator type (without box)	7	"
Wall plug (without box)	8	"
Wall switch, push button type (without box)	6	"
Wall switch, lever type, 3 way	4	"
Sockets for tubular bulbs	8	"
Transformers of 5 watt, electric bell	2	"

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Electric cord, silk covered insulation, 2 strand, 0.50	80	"
Switches, one way, outside	30	Each
Wall switches, one way	20	"
Electric light bulbs, assorted	186	"

At PIETRO BORGOGNONI, Via dei Banci, 13, Florence, under control of AMG, 5th Army.

Electric cord, twisted pair, 2 strand, 0.50	30	Meters
" " " " 1 " , 0.25	190	"
" " " " 3 " , 0.75	50	"
" " " " " " , 0.35	74	"
Wall switches, one way, rotary type bakelite	9	Each
Switch, commutator type, bakelite	31	"
" , two way, bakelite	7	"
" , commutator type, in porcelain	20	"
Sockets, normal size, bakelite	13	"
Wall switch, push button type, one way	5	"
" " " " " , two "	9	"
Wall sockets, with flat base, bakelite	7	"
" " , for theatrical foot lights, porcelain	6	"
Switch, tripolar, with fuse of 20 amps, in bakelite	1	"
Switch, unipolar, with fuse of 20 amps, in bakelite	4	"
Fuse, unipolar, round, 6 amps.	1	"
Wall switch, lever type (without box)	9	"
Wall switch, rotary type " "	10	"
Wall switch, commutator type (without box)	7	"
Wall plug (without box)	8	"
Wall switch, push button type (without box)	6	"
Wall switch, lever type, 3 way	4	"
Sockets for tubular bulbs	8	"
Transformers of 5 watt, electric bell	2	"
" of 10 watt, electric bell	2	"
Electric bells	9	"
Fuse sockets, tripolar, 20 amps, bakelite	4	"
Switches, unipolar, 20 amps, in bakelite	2	"
Wall plugs, female, 6 amps, in bakelite	55	"
Switch on cord, 2 way, pear shape, bakelite	16	"
Switch-on-cord, pear shape, electric bell	15	"
Fuse sockets, bipolar, 20 amps, bakelite	2	"
Wall switch, push button type, electric bell	2	"
Plug, female, tripolar, 15 amps, porcelain	3	"
Electric light bulbs, for sewing machine, for English type sockets	5	"
Electric light bulbs, solar light, 60 watt, 160 volts	4	"
Electric light bulbs, solar light, 100 watt, 160 volts	6	"
Electric cable, lead insulated, varying gauge 12/10 to 16/10 in various length sections	22	Meters

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At SPIGHI GIOVANNI, Via dello Statuto, 20 Florence, under control of AMG, 5th Army.

Electric cord, 2 strand, 0.25	20,000	Meters
" " " " , 0.35	5,000	"
" " " " , 0.50	1,943	"
" " 3 " , 0.50	1,000	"
" " " " , 0.75	690	"
" " " " , 1.0	500	"
Electric wire, copper, gauge 8/10	5,000	"
" " " " 10/10	5,000	"
" " " " 12/10	5,000	"
" " , aluminium, gauge 12.5/10	400	"
Electric wire, aluminium, gauge 18/10	700	"
Electric wire, aluminium, gauge 22.5/10	2,500	"
Electric wire, aluminium, gauge 23/10	1,168	"
Electric cable, aluminium, lead insulated, gauge 2x14/10	500	"
Electric cable, aluminium, lead insulated, gauge 2x20/10	500	"
Electric cable, aluminium, lead insulated, gauge 3x12.5/10	100	"
Electric cable, aluminium, lead insulated, gauge 3x18/10	500	"
Electric cable, aluminium, lead insulated, gauge 3x20/10	500	"
Electric cable, aluminium, lead insulated, gauge 3x28/10	500	"
Electric cable, copper, lead insulated, gauge 2x10/10	500	"
Electric cable, copper, lead insulated, gauge 2x12/10	500	"
Electric cable, copper, lead insulated, gauge 2x14/10	500	"
Electric cable, copper, lead insulated, gauge 2x8/10	200	"
Electric cable, copper, lead insulated, gauge 3x8/10	200	"
Electric cable, copper, lead insulated, gauge 3x20/10	50	"
Electric cable, copper, lead insulated, gauge 2x32/10	300	"
Electric cable, copper, lead insulated, 3.5x25 mm, individual strands cushioned with tow	60	"
Electric cable, copper, lead in-		

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22.5/10	2,500	"
Electric wire, aluminium, gauge 23/10	1,168	"
Electric cable, aluminium, lead insulated, gauge 2x14/10	500	"
Electric cable, aluminium, lead insulated, gauge 2x20/10	500	"
Electric cable, aluminium, lead insulated, gauge 3x12.5/10	100	"
Electric cable, aluminium, lead insulated, gauge 3x18/10	500	"
Electric cable, aluminium, lead insulated, gauge 3x20/10	500	"
Electric cable, aluminium, lead insulated, gauge 3x28/10	500	"
Electric cable, copper, lead insulated, gauge 2x10/10	500	"
Electric cable, copper, lead insulated, gauge 2x12/10	500	"
Electric cable, copper, lead insulated, gauge 2x14/10	500	"
Electric cable, copper, lead insulated, gauge 2x8/10	200	"
Electric cable, copper, lead insulated, gauge 3x8/10	200	"
Electric cable, copper, lead insulated, gauge 3x20/10	50	"
Electric cable, copper, lead insulated, gauge 2x32/10	300	"
Electric cable, copper, lead insulated, 3.5x25 mm, individual strands cushioned with tow	60	"
Electric cable, copper, lead insulated, 3x16 mm, individual strands cushioned with tow	60	"
Telephone cable, 2 strand, 6/10	1,000	"
" " , 10 " , 6/10	63	"
Electric cord, aluminium, bare 12 mm	1,000	"
Electric wire for armature wrapping in various lengths	500	"
Switch, rotary, bakelite, outside	2,000	Each
Switch, deviator type, rotary, bakelite, outside	2,000	"
Sockets, bakelite	1,000	"
Cable, insulated varnished cloth, 1.5 mm	1,000	Meters
Cable, rubber insulated, 3 strand, 0.50	200	"
Cable, rubber insulated, 3 strand, 3.0	190	"

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At DITTA MARIO UFICHI, Via dei Pilastri, 36, Florence, under control of AMG, 5th Army.

Electric wire, aluminium, black insulation, 600 V, 8/10	5,000 Meters
Electric wire, aluminium, black insulation, 600 V, 35/10	1,500 "
Electric wire, aluminium, black insulation, 600 V, 30/10	1,500 "
Electric wire, aluminium, bare, 12 mmq.	487 "
Wall clamps for electric cord, 1 x 16	1,200 Each
" " " " " , 1 x 23	400 "
Switch, push button type, porcelain	100 "
Ceiling plate for drop cord	300 "

At VANNUCCI ANGIOLO, Piazza S. Benedetto, 1, Florence, under control of AMG, 5th Army.

Electric light bulbs, 3 watt, 160 volts, normal, clear glass	94 Each
Electric light bulbs, 25 watt, 160 volts, normal, red varnished glass	15 "
Electric light bulbs, 20 watt, 169 volts, normal, red varnished glass	77 "
Tubular light bulbs, solar, 50 watt, 160 volts	5 "
Electric light bulbs, bubble shape, frosted glass, 15 watt, 160 volts	2 "
Electric light bulbs, bubble shape, frosted glass, 20 watt, 160 volts	2 "
Electric light bulbs, bubble shape, clear glass, 5 watt, 160 volts	12 "
Electric light bulbs, bubble shape, clear glass 10 watts, 160 volts	1 "
Electric light bulbs, bubble shape, clear glass, 40 watt, 140 volts	2 "

At DITTA DONZI & BETTI, Via Vigna Vecchia, 31, Florence, under control of AMG, 5th Army.

Conductors; lead insulated for inside telephone installations:

Telephone cable, lead insulated, 1 pair, in various lengths as follows:

5.40 meters	2.50 meters
4.40 "	4.00 "
4.40 "	5.80 "
2.40 "	4.00 "
2.40 "	3.50 "

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Electric light bulbs, 3 watt, 160 volts, normal, clear glass	94 Each
Electric light bulbs, 25 watt, 160 volts, normal, red varnished glass	15 "
Electric light bulbs, 20 watt, 160 volts, normal, red varnished glass	77 "
Tubular light bulbs, solar, 50 watt, 160 volts	5 "
Electric light bulbs, bubble shape, frosted glass, 15 watt, 160 volts	2 "
Electric light bulbs, bubble shape, frosted glass, 20 watt, 160 volts	2 "
Electric light bulbs, bubble shape, clear glass, 5 watt, 160 volts	12 "
Electric light bulbs, bubble shape, clear glass 10 watts, 160 volts	1 "
Electric light bulbs, bubble shape, clear glass, 40 watt, 140 volts	2 "

At DITTA DOLFI & BERTI, Via Virgna Vecchia, 21, Florence, under control of CMG, 5th Army.

Conductors; lead insulated for inside telephone installations:

Telephone cable, lead insulated, 1 pair, in various lengths as follows:

5.40 meters	2.50 meters
4.40 "	4.00 "
4.40 "	5.80 "
2.40 "	4.00 "
2.40 "	3.50 "
2.60 "	6.50 "
5.40 "	4.30 "
3.00 "	4.00 "
3.00 "	2.00 "
9.00 "	3.00 "
7.50 "	7.00 "
3.40 "	5.00 "
6.50 "	3.10 "
4.50 "	2.50 "
4.50 "	3.00 "
3.00 "	4.20 "

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Telephone cable, lead insulated, 2 pair, in various lengths as follows:

80.00 meters	8.00 meters
2.00 "	11.50 "
2.00 "	3.70 "
20.00 "	

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at DITTA DOLFI & BERTI, Via Vigna Vecchia, 3, Florence, under control of AMG, 5th Army Cont'd.

Telephone cable, lead insulated, 3 pair, in various lengths as follows:

14.50 meters
10.00 "
3.50 "
26.00 "
3.00 meters
2.00 meters
3.00 meters

Telephone cable, lead insulated, 4 pair, in various lengths as follows:

8.00 meters
6.40 "

Telephone cable, lead insulated, 5 pair, in various lengths as follows:

5.60 meters
3.00 "
3.50 "
3.30 "
3.40 meters
6.30 "
2.30 "
2.30 "

Telephone cable, lead insulated, 6 pairs, in various lengths as follows:

4.00 meters

Telephone cable, lead insulated, 8 pairs, in various lengths as follows:

4.20 meters
3.00 "

Telephone cable, lead insulated, 11 pairs, in various lengths as follows

9.50 meters
3.20 "
2.00 "
3.30 meters
5.00 "

Telephone cable, lead insulated, 13 pairs, in various lengths as follows:

4.40 meters

Telephone cable, lead insulated, 15 pairs, in various lengths as follows:

14.00 meters

Telephone cable, lead insulated, 16 pairs, in various lengths as follows:

4.00 meters
3.20 "

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6.40 "

Telephone cable, lead insulated, 5 pair, in various lengths as follows:

5.60 meters
3.00 "
3.50 "
3.30 "
3.40 meters
6.30 "
2.30 "
2.30 "

Telephone cable, lead insulated, 6 pairs, in various lengths as follows:

4.00 meters

Telephone cable, lead insulated, 8 pairs, in various lengths as follows:

4.20 meters
3.00 "

Telephone cable, lead insulated, 11 pairs, in various lengths as follows

9.50 meters
3.20 "
2.00 "
3.30 meters
5.00 "

Telephone cable, lead insulated, 13 pairs, in various lengths as follows:

4.40 meters

Telephone cable, lead insulated, 15 pairs, in various lengths as follows:

14.00 meters

Telephone cable, lead insulated, 16 pairs, in various lengths as follows:

4.00 meters
3.20 "

Telephone cable, lead insulated, 20 pairs, in various lengths as follows:

2.80 meters
3.50 "

Telephone cable, lead insulated, 6 strand, in various lengths as follows:

4.00 meters
6.00 "
5.00 "
4.00 "
3 .70 meters
3 .30 "
3 .20 "

Telephone cable, lead insulated, 8 strand, in various lengths as follows:

5.00 meters
9.30 "
4.00 "
3.30 "
4.50 meters
4.70 "
4.20 "

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At DITTA DOLFI & BETTI, Via Vigna Vecchia 31, Florence, under control of AMG, 5th Army (Cont'd.).

Telephone cable, lead insulated, 10 strand, in various lengths as follows:

4.70 meters
5.70 "

Telephone cable, lead insulated, 12 strand, in various lengths as follows:

14.00 meters
4.00 "
5.00 "
2.60 "

At BRUNO POGGIALI, Via S. Agostino, 14, Florence, under control of AMG, 5th Army.

Electric cord, spiral twisted, copper, rayon insulated, 2 strand, gauge 0.2	200	meters
Electric cord, spiral twisted, copper, rayon insulated, 3 strand, gauge 0.35	100	"
Electric wire, black insulation, aluminium, gauge 12/10	200	"
Electric wire, black insulation, aluminium, gauge 14/10	100	"
Sections of conductors, new and used, in cable type, lead insulated and varnished cloth insulated	70	"
Transformers, volts 220, bipolar	1	Each
" " 160, unipolar, 75 watt	1	"

At RICCI & BANETTI, Via Dante, 5, Florence, under control of AMG, 5th Army.

Transformers, electric bell, 160 volts, 5-10 watt	5	Each
Switch, one way, type Zeus, tripolar, 300 watt	10	"
Switches, one and two way, for electric lights	110	"
Switches, one and two way, for electric lights, to be incased in wall	30	"
Electric light bulbs, micro sockets, 2.5 and 3.5 volts	60	"
Circuit breaker, automatic, for motor, 15A	2	"
Electric cord, 2 strand, gauge 0.50	500	meters
Electric wire, unipolar, gauges 0.12, 0.14 0.16, aluminium	500	"
Electric cable, lead insulated, aluminium, 3 strand, gauge 4 mm sq.	52	"
Electric wire for armature winding	20	Kgs.
Electric wire, electric bell, aluminium	4	"
Electric pump, HP 1.5	2	Each
Electric pump, monophase	1	"
Electric motors, HP 0.4	2	"
Electric motors, HP 1.6	1	"

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Electric cord, spiral twisted, copper, rayon insulated, 2 strand, gauge 0.25	200 meters
Electric cord, spiral twisted, copper, rayon insulated, 3 strand, gauge 0.35	100 "
Electric wire, black insulation, aluminium, gauge 12/10	200 "
Electric wire, black insulation, aluminium, gauge 14/10	100 "
Sections of conductors, new and used, in cable type, lead insulated and varnished cloth insulated	70 "
Transformers, volts 220, bipolar	1 Each
" " 160, unipolar, 75 watt	1 "

At RICCI & BLANETTI, Via Dante, 5, Florence, under control of AMG, 5th Army.

Transformers, electric bell, 160 volts, 5-10 watt	5 Each
Switch, one way, type Zeus, tripolar, 300 watt	10 "
Switches, one and two way, for electric lights	110 "
Switches, one and two way, for electric lights, to be incased in wall	30 "
Electric light bulbs, micro sockets, 2.5 and 3.5 volts	60 "
Circuit breaker, automatic, for motor, 15A	2 "
Electric cord, 2 strand, gauge 0.50	500 meters
Electric wire, unipolar, gauges 0.12, 0.14 0.16, aluminium	500 "
Electric cable, lead insulated, aluminium, 3 strand, gauge 4 mm sq.	51 "
Electric wire for armature winding	20 Kgs.
Electric wire, electric bell, aluminium	4 "
Electric pump, HP 1.5	2 Each
Electric pump, monophase	1 "
Electric motors, HP 0.4	2 "
Electric motors, HP 1.6	1 "
Electric motors, HP 3.2	1 "

At PALANDRI RENATO, Piazza S. Lorenzo, 3, Florence, under control of AMG, 5th Army.

Switches, one way, lever "blade" type, on a perol base:

Unipolar, 10 amp, without fuse, not incased	39 Each
" , 20 " " " " "	47 "
Bipolar, 10 amp , " " , incased	15 "
" 20 " " " "	10 "
" 20 " " " , not incased	20 "
Tripolar, 30 amp, without fuse " "	12 "

Switches, commutator, lever "blade" type, on a perol base:

Unipolar, 10 amp, without fuse, not incased	3 Each
" 20 " " " " "	3 "
" 30 " " " " "	5 "
" 50 " " " " "	6 "
Bipolar, 20 " " " " "	5 "
" 30 " " " " "	6 "

At PALAZZO RENATO, Pia[illegible] S. Lorenzo 3 Florence, under control of AMG. 5th Army, Cont'd.

Switches, commutator, lever "blade" type, on a penal base, cont'd.		
Bipolar, 50 amp. without fuse, not incased	6	Each
Tripolar, 30 " " " " "	6	"
" 50 " " " " "	5	"
Switches, one way, lever "blade" type, for switchboard:		
Bipolar, 5 amp. without fuse, not incased	12	Each
" 10 " " " " "	7	"
" 20 " " " " "	8	"
" 30 " " " " "	6	"
Tripolar, 5 " " " " "	6	"
" 10 " " " " "	5	"
" 20 " " " " "	2	"
" 30 " " " " "	4	"
Switches, commutator, lever "blade" type, for switchboard:		
Tripolar, 10 amp, without fuse, not incased	6	Each
" 20 " " " " "	5	"
" 30 " " " " "	4	"
" 50 " " " " "	6	"
Electric light bulbs, Phillips type, "½ watt", 500 watt, 160 volts	9	"
Electric light bulbs, Phillips type, "¼ watt", 300 watt, 160 volts	5	"

At G. SABATINI, Via dei Conti, 10, Florence, under control of AMG. 5th Army.

Electric cord, copper, 2 strand twist, 0.25	400	meters
" wire, black insulation, aluminium, 25/10	600	"
Electric wire, black insulation, aluminium, 12/10	600	"
Sockets, normal size, bakelite	75	Each
Fuses, bipolar, 6 amps, "Tabacchiera" type (snuff box fuse)	20	"
Switches, bakelite (one way)	100	"
Switches, deviator type (two way), in bakelite	100	"
Switches, commutator type, in bakelite	100	"
Wall plugs, female, 6 amp.	100	"
Ceiling plates for drop cords	50	"

At NARCISO FORNI, Via Cavour, 96-98 R, Florence, under control of AMG, 5th Army.

Conductors, copper wire insuleted.					
Electric cord, 600 V. 1 strand, 0.25, in 1 pc.			18	Meters	
" " " " " "	0.35	" 3 "	63	"	
" " " " " "	0.50	" 1 "	28	"	
" " " " " "	0.75	" 2 "	43	"	
" " " " " "	1.0	" 3 "	363	"	

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" 10 "		2 "
" 20 "		4 "
" 30 "		

Switches, commutator, lever "blade" type, for switchboard:

Tripolar, 10 amp, without fuse, not incased	6 Each
" 20 " " " "	5 "
" 30 " " " "	4 "
" 50 " " " "	6 "
Electric light bulbs, Phillips type, "½ watt", 500 watt, 160 volts	9 "
Electric light bulbs, Phillips type, "½ watt", 300 watt, 160 volts	5 "

At G. BARATINI, Via dei Conti, 10, Florence, under control of AMG. 5th Army.

Electric cord, copper, 2 strand twist, 0.25	400 meters
" wire, black insulation, aluminium, 25/10	600 "
Electric wire, black insulation, aluminium, 12/10	600 "
Sockets, normal size, bakelite	75 Each
Fuses, bipolar, 6 amps, "Tabacchiera" type (snuff box fuse)	20 "
Switches, bakelite (one way)	100 "
Switches, deviator type (two way), in bakelite	100 "
Switches, commutator type, in bakelite	100 "
Wall plugs, female, 6 amp.	100 "
Ceiling plates for drop cords	50 "

At MARCIGO FORNI, Via Cavour, 96-98 R, Florence, under control of AMG, 5th Army.

Conductors, copper wire insulated.

Electric cord, 600 V, 1 strand, 0.25, in 1 pc.	18 Meters
" " " " " 0.35 " 3 "	63 "
" " " " " 0.50 " 1 "	28 "
" " " " " 0.75 " 2 "	43 "
" " " " " 1.0 " 3 "	363 "
" " " " 2 " 0.25 "14 "	554 "
" " " " " 0.25 " 5 ", colored insulation	175 "
Electric cord, 600 V, 2 strand, 0.25, in 4 pc, cotton insulation	32 "
Electric cord, 600 V, 2 strand, 0.35, in 6 pc, rayon insulation	802 "
Electric cord, 600 V, 2 strand, 0.35, in 4 pc, colored insulation	75 "
Electric cord, 600 V, 2 strand, 0.35, in 4 pc, cotton insulation	46 "
Electric cord, 600 V, 2 strand, 0.50, in 1 pc, rayon insulation	27 "
Electric cord, 600 V, 2 strand, 0.50, in 9 pc, cotton insulation	302 "
Electric cord, 600 V, 2 strand, 1.0, in 3 pc.	50 "
Electric cord, 600 V, 3 strand, 0.25, in 3 pc, rayon insulation	47 "

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<u>Ac NARCISO FORNI, Vi[illegible]navour, 96-98 R. Florence, unde[illegible]ontrol of AMG, 5th Army Cont'd.</u>

Electric wire, insulated, for outside use, 8/10 gauge, in 3 pc.	175	meters
Electric wire, insulated, for outside use, 12/10 gauge, in 1 pc.	34	"
Electric wire, insulated, for outside use, 12/10 gauge, in 3 pc, ("iresite" insulated)	300	"
Electric wire, insulated, for outside use, 14/10 gauge, in 1 pc.	78	"
Electric wire, black insulation, for outside use, gauge 16/10	85	"
Electric cable, varnished cloth insulation, 600 V, gauge 0.25	100	"
Electric cable, varnished cloth insulation, 600 V, gauge 0.50	174	"
Electric cable, varnished cloth insulation, 600 V, gauge 0.75	79	"
Electric cable, varnished cloth insulation, 600 V, gauge 1.0	81½	"
Electric cable, varnished cloth insulation, 600 V, gauge 1.5	52½	"
<u>Conductors, insulated, aluminium</u>		
Electric cable, lead insulated, 600 V, 2 strand, 14/10 gauge	45	"
Electric cable, lead insulated, 600 V, 2 strand, 16/10 gauge	36	"
Electric cable, lead insulated, 600 V, 2 strand, 18/10 gauge	58	"
Electric cable, lead insulated, 600 V, 2 strand, 20/10 gauge	32	"
Electric cable, lead insulated, 600 V, 2 strand, 25/10 gauge	70	"
Electric cable, lead insulated, 600 V, 3 strand, 14/10 gauge	10	"
Electric cable, lead insulated, 600 V, 3 strand, 16/10 gauge	16	"
Electric cable, lead insulated, 600 V, 3 strand, 18/10 gauge	16	"
Electric cable, lead insulated, 600 V, 3 strand, 20/10 gauge	9	"
Electric cable, lead insulated, 600 V, 3 strand, 22/10 gauge	15	"
Electric cable, lead insulated, 600 V, 3 strand, 35/10 gauge	55	"
Electric cable, lead insulated, 600 V, 3 strand, 30 mm sq.	380	"
Electric cable, zinc insulated, 2		

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sulation, 600 V, gauge 0.50	174	"
Electric cable, varnished cloth insulation, 600 V, gauge 0.75	79	"
Electric cable, varnished cloth insulation, 600 V, gauge 1.0	81½	"
Electric cable, varnished cloth insulation, 600 V, gauge 1.5	52½	"
Conductors, insulated, aluminium		
Electric cable, lead insulated, 600 V, 2 strand, 14/10 gauge	45	"
Electric cable, lead insulated, 600 V, 2 strand, 16/10 gauge	36	"
Electric cable, lead insulated, 600 V, 2 strand, 18/10 gauge	58	"
Electric cable, lead insulated, 600 V, 2 strand, 20/10 gauge	32	"
Electric cable, lead insulated, 600 V, 2 strand, 25/10 gauge	70	"
Electric cable, lead insulated, 600 V, 3 strand, 14/10 gauge	10	"
Electric cable, lead insulated, 600 V, 3 strand, 16/10 gauge	16	"
Electric cable, lead insulated, 600 V, 3 strand, 18/10 gauge	16	"
Electric cable, lead insulated, 600 V, 3 strand, 20/10 gauge	9	"
Electric cable, lead insulated, 600 V, 3 strand, 22/10 gauge	15	"
Electric cable, lead insulated, 600 V, 3 strand, 35/10 gauge	55	"
Electric cable, lead insulated, 600 V, 3 strand, 30 mm sq.	360	"
Electric cable, zinc insulated, 2 strand gauge 12/10	256	"
Electric cable, zinc insulated, 2 strand, gauge 14/10	194	"
Electric cable, zinc insulated, 3 strand, gauge 12/10	75	"
Electric wire, outside, gauge 12/10	180	"
" " " " 14/10	348	"
" " " " 18/10	510	"
" " " " 20/10	362	"

Switches, lever blade type, for switchboard, already attached to small panel base.

Unipolar, with fuse, 20 amp.	1	Each
" , without fuse, 20 amp, incased	2	"
Bipolar, with fuse, 20 amp.	50	"
" " " , 10 amp.	20	"
Unipolar, " " , 30 amp.	18	"
Bipolar, " " , 50 amp.	6	"
Tripolar, without fuse, 5 amp.	4	"
" " " , 5 amp. incased	4	"

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At MARCISO FORNI, Via Cavour, 96-98 in Florence, under control of AMG, 5th Army, Cont'd.

Conductors, copper wire insulated.

Electric cord, 600 V, 3 strand, 0.35, in 8 pc, rayon insulation	355 meters
Electric cord, 600 V, 3 strand, 0.50, in 4 pc, rayon insulation	118 "
Electric cord, 600 V, 3 strand, 0.75, in 3 pc, rayon insulation	81½ "
Electric cord, 600 V, 3 strand, 1.0, in 3 pc, rayon insulation	69 "
Electric cord, rubber insulated, 600 V, 2 strand, 0.35, in 1 pc.	45 "
Electric cord, rubber insulated, 600 V, 2 strand, 0.50 in 9 pc.	161 "
Electric cord, rubber insulated, 600 V, 2 strand, 0.75, in 3 pc.	42½ "
Electric cord, rubber insulated, 600 V, 2 strand, 1.0, in 14 pc.	206 "
Electric cord, rubber insulated, 600 V, 3 strand, 0.50, in 1 pc.	3 "
Electric cord, rubber insulated, 600 V, 3 strand, 0.75, in 4 pc.	77½ "
Electric cord, rubber insulated, 600 V, 3 strand, 1.0, in 9 pc.	242 "
Electric cord, rubber insulated, 600 V, 3 strand, 1.5, in 5 pc.	37 "
Electric cord, varnished cloth insulation, 600 V, 2 strand, 0.50, in 3 pc.	74 "
Electric cord, varnished cloth insulation, 600 V, 2 strand, 0.75, in 4 pc.	115 "
Electric cord, varnished cloth insulation, 600 V, 2 strand, 1.0, in 3 pc.	75½ "
Electric cord, varnished cloth insulation, 600 V, 2 strand, 1.5, in 1 pc.	13 "
Electric cord, varnished cloth insulation, 600 V, 3 strand, 0.50, in 6 pc.	129 "
Electric cord, varnished cloth insulation, 600 V, 3 strand, 0.75, in 4 pc.	123 "
Electric cord, varnished cloth insulation, 600 V, 3 strand, 1.0, in 5 pc.	70½ "
Electric cord, varnished cloth insulation, 600 V, 3 strand, 1.5, in 6 pc.	77½ "
Electric cord, varnished cloth insulation, 600 V, 3 strand, 2.0, in 1 pc.	1 "
Electric cord, varnished cloth insulation, 600 V, 3 strand, 0.5, in 5 pc.	18½ "
Electric cable, lead insulated, copper, 600 V, 2 strand, 8/10, in 5 pc.	76 "
Electric cable, lead insulated, copper,	

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Electric cord, rubber insulated, 600 V, 3 strand, 0.50, in 1 pc.	3	"
Electric cord, rubber insulated, 600 V, 3 strand, 0.75, in 4 pc.	77½	"
Electric cord, rubber insulated, 600 V, 3 strand, 1.0, in 9 pc.	242	"
Electric cord, rubber insulated, 600 V, 3 strand, 1.5, in 5 pc.	37	"
Electric cord, varnished cloth insulation, 600 V, 2 strand, 0.50, in 3 pc.	74	"
Electric cord, varnished cloth insulation, 600 V, 2 strand, 0.75, in 4 pc.	115	"
Electric cord, varnished cloth insulation, 600 V, 2 strand, 1.0, in 3 pc.	75½	"
Electric cord, varnished cloth insulation, 600 V, 2 strand, 1.5, in 1 pc.	13	"
Electric cord, varnished cloth insulation, 600 V, 3 strand, 0.50, in 6 pc.	129	"
Electric cord, varnished cloth insulation, 600 V, 3 strand, 0.75, in 4 pc.	123	"
Electric cord, varnished cloth insulation, 600 V, 3 strand, 1.0, in 5 pc.	70½	"
Electric cord, varnished cloth insulation, 600 V, 3 strand, 1.5, in 6 pc.	77½	"
Electric cord, varnished cloth insulation, 600 V, 3 strand, 2.0, in 1 pc.	1	"
Electric cord, varnished cloth insulation, 600 V, 3 strand, 0.5, in 5 pc.	18½	"
Electric cable, lead insulated, copper, 600 V, 2 strand, 8/10, in 5 pc.	78	"
Electric cable, lead insulated, copper, 600 V, 2 strand, 10/10, in 6 pc.	132	"
Electric cable, lead insulated, copper, 600 V, 2 strand, 12/10, in 1 pc.	34	"
Electric cable, lead insulated, copper, 600 V, 2 strand, 14/10, in 1 pc.	52	"
Electric cable, lead insulated, copper, 600 V, 2 strand, 16/10, in 1 pc.	16	"
Electric cable, lead insulated, copper, 600 V, 2 strand, 18/10, in 2 pc.	46	"
Electric cable, lead insulated, copper, 600 V, 3 strand, 10/10, in 3 pc.	19	"
Electric cable, lead insulated, copper, 600 V, 3 strand, 8/10, in 2 pc.	14	"
Electric cable, lead insulated, copper, 600 V, 3 strand, 12/10, in 3 pc.	62	"
Electric cable, lead insulated, copper, 600 V, 3 strand, 14/10, in 3 pc.	42	"

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At MARCISO POSSI, Via Cavour, 96-98 R, Florence, under control of AMG, 5th Army
Cont'd.

Switches, lever blade type, for switchboard, already attached to small panel base	
Unipolar, without fuse, 10 amp.	30 Each
Tripolar, with fuse, 5 amp.	1 "
" " " , 10 amp.	36 "
" , without fuse, 10 amp.	28 "
Switches, lever blade type, for switchboard (Not on panel base but with traversing bolts for direct attachment to switchboard)	
Unipolar, 50 amp.	32 Each
" , 30 "	4 "
" , 10 "	18 "
" , 10 " , type "Romano"	4 "
" , 20 " " "	3 "
" , 10 " , type "Siemens"	5 "
" , 25 " " "	4 "
Switches, lever blade type, for industrial machines	
Bipolar, 10 amp, with fuse	6 Each
" , 20 amp, " "	8 "
" , 10 amp, without fuse	9 "
Unipolar, 10 amp, with fuse	7 "
Electric light fittings	
Sockets, type "Edison", bakelite	212 Each
Wall sockets, on a straight base	218 "
Wall switches, one way, rotary, type Bergman	34 "
Wall switches, two way, rotary, type Bergman	17 "
Switch-on-cord, one way, pear shape, of wood	74 "
Wall switches, one way, to be incased in wall	8 "
Wall switches, two way, to be incased in wall, with black switch key	6 "
Wall switches, one way, rotary, bakelite	33 "
Wall switches, two way, rotary, bakelite	35 "
Wall switches, one way, to be incased in wall	19 "
Wall plugs, female, light weight type, bakelite	250 "
Wall plugs, female, bipolar, 15 amp.	5 "
Wall plugs, female, tripolar, 15 amp.	8 "
Wall plugs, female, bipolar, 15 amp, of terracotta	4 "

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" , 25	4	"

Switches, lever blade type, for industrial machines

Bipolar, 10 amp, with fuse	6	Each
" , 20 amp, " "	8	"
" , 10 amp, without fuse	9	"
Unipolar, 10 amp, with fuse	7	"

Electric light fittings

Sockets, type "Edison", bakelite	212	Each
Wall sockets, on a straight base	218	"
Wall switches, one way, rotary, type Bergman	84	"
Wall switches, two way, rotary, type Bergman	17	"
Switch-on-cord, one way, pear shape, of wood	74	"
Wall switches, one way, to be incased in wall	8	"
Wall switches, two way, to be incased in wall, with black switch key	6	"
Wall switches, one way, rotary, bakelite	33	"
Wall switches, two way, rotary, bakelite	35	"
Wall switches, one way, to be incased in wall	19	"
Wall plugs, female, light weight type, bakelite	250	"
Wall plugs, female, bipolar, 15 amp.	5	"
Wall plugs, female, tripolar, 15 amp.	8	"
Wall plugs, female, bipolar, 15 amp, of terracotta	4	"
Wall plugs, female, bipolar, 6 amp, with fuse	7	"
Wall plugs, female, bipolar, 6 amp, German type, to be incased in wall	2	"
Wall plugs, male, bipolar, aluminium contacts, 6 amps.	56	"
Wall plugs, male, bipolar, brass contacts, 6 amps.	14	"
Wall plugs, male, bipolar, brass contacts, 6 amps, in porcelain	22	"
Ceiling plate for drop cord, wood, (simple "Rosetta" type, diam. 5 cm.)	22	"
Ceiling plate for drop cord, wood, (simple "Rosetta" type, diam. 7 cm.)	4	"

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At NARCISO PONSI, Via Cavour 96-98 R., Florence, under control of AMG, 5th Army Cont'd.

Electric light fittings, cont'd.

Ceiling plate for drop cord, wood, (simple "Rosetta" type, diam. 8 cm.)	76 Each
Ceiling plate for drop cord, wood, (simple "Rosetta" type, diam. 10 cm.)	26 "
Ceiling plate, in porcelain (old style type)	180 "
Ceiling plate, in porcelain (new style type)	263 "

At S.A. LA METALMECCANICA, Via Buonifazio Lupi, 1, Florence, under control of AMG, 5th Army.

Electric Motors

Triphase direct current, C.G.E. make, 500 V, 42 cycles, 1175 R.P.M., 1 HP, without pulley nor turn-buckle	2 Each
Triphase direct current, C.G.E. make, 500 V, 42 cycles, 1175 R.P.M., 1.5 HP, without pulley nor turn-buckle	1 Each
Triphase direct current, C.G.E. make, 500 V, 42 cycles, 1175 R.P.M., 2.5 HP, without pulley nor turn-buckle	1 Each

NOTE: The above motors are designated for electric current having special characteristics (500 volts - 42 cycles) and are not adaptable for the type electric current existing in Florence or Province.

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CONTROLLED INDUSTRIAL GASES & CHEMICALS

At SOCIETA LIGURA LAVANE, Arezzo, under control of AC.

Gas Bottles (Carbonic Acid)	110 pcs.

At PIETRO MARCORI, Via S. Jacopino 19, Florence, under control of AMG 5th Army.

Caustic Soda	1,800 Kgs.

At DITTA MARCORI ANGIOLO, Via S. Jacopino 17, Florence, under control of AMG 5 Army

Caustic Soda	1,600 Kgs.

At SOCIETA CHIMICA DELL'ANIENE, Rome, under control of AC.

Liquid Caustic Soda (22%)	8,000 Kgs.

At Spolettificio R. Esercito, Via Flaminia, Rome, under control of AC.

Liquid Caustic Soda	31 Ltrs.
Oxygen bottles - Air liquid type complete with valves and tested to 190 Atm.	66 pcs.

At OFFICINE MORRI RUSSI, Pescara, under control of AC.

Caustic soda	15,000 Kgs.
Calcium Carbide (70-75)	18,460 "
(90-95)	6,170 "

At MONTECATINI GAVORRANO, Grosseto, under control of AC.

Calcium carbide	3,112 Kgs.

At SOLVAY, Rosignano, under control of AC.

Soda Ash	1,350 tons.

At DITTA FILLI VINCUCCI, Via Vittorio Emanuele, 315 Florence, under control of AMG, 5th Army.

Ammonia	1 Ton Johnson

At BENEDETTO FALCHETTI & FIGLI, Via Pierluigi da Palestrina 14, Florence, under control of AMG 5th Army.

Calcium Carbide	100 Kgs.

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MATERIAL AVAILABLE AT SPECIALIZED DEPOT VIA FLAMINIA, ROME
(UNDER THE CONTROL OF "AIR FORCE SUB-COMMISSION", A.C.)

Round copper in bars (various sizes-weight) approx		1600
Scrap copper wire ordinary sleeved with cardboard		6
Copper bars, 2 x 300		18
Automatic switches in oil, for A.T. 3 x 250 A.		"
Automatic switches in oil, for A.T. 3 x 1000 A.		7
Cubic copper heads, sect. various weight, approx Kg. 400.	No.	32
Automatic release, various types	"	6
Scraps of copper rope (Kg. 10)	"	6
Tripolare automatic reverse table (various types)	"	21
Automatic switches in air - 3 x 100 A	"	2
" " " " 3 x 400 A	"	1
" " " " 3 x 500 A	"	2
" " " " 2 x 1000 A	"	3
" " " " 1 x 850 A		4
" " " " 1 x 1500 A	"	2
" " " " 1 x 2000 A	"	4
" " " " 1 x 4000 A	"	1
Switches (3 lows) 2 x 100 A	"	3
Automatic switches 2 x 600 A	"	1
" "		

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Automatic switches in oil, for A.T. 3 x 1000 A.		7
Cable copper lends, sect. various weight, approx Kg. 400.	No.	32
Automatic release, var ous types	"	6
Scraps of copper rope (Kg. 10)	"	6
Driscolan switches reverse table (various types)	"	21
Automatic switches in air - 3 x 100 A	"	2
" " " " 3 x 100 A	"	1
" " " " 3 x 500 A	"	2
" " " " 2 x 1000 A	"	3
" " " " 1 x 550 A		
" " " " 1 x 1500 A	"	2
" " " " 1 x 2000 A	"	4
" " " " 1 x 4000 A	"	1
Switches (a leva) 2 x 100 A	"	3
Interrutte switches 2 x 600 A	"	1
" " 3 x 400 A	"	1
" " in aer, 2 x 300 A	"	1
" " in oil, for A.T. 3 x 600 A	"	1
Scraps of copper cable 500 m/m (abt 250 lbs.)	"	70
Tin Ingots		abt 1/2 ton.

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(16)

D'

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
ENGINEERING MATERIALS COMMITTEE

INDUSTRIAL GASES SUB-COMMITTEE - MINUTES.

16 Dec 44.

1. A Meeting of this Sub-Committee was held at Allied Force Local Resources Section Conference Room at 1430 hours on Saturday, December 16th, 1944.

2. Present:-

		Representing:-
Major R. E. MacDonald	C.E.	Engineer Section FHQ - Chairman.
Captain M. H. Adam	C.E.	C-in-C. MEDITERRANEAN.
Captain A. C. Hemplinger		AAFSC/MTO.
Lieut. Geo. C. Schultz		AAFSC/ETO.
Captain H. Reynolds, R.N.V.R.		C-in-C, Mediterranean.
Captain W. L. Nepmen.		Ord (Re) AFHQ.
Major J. T. Creasy,	R.E.	CMH, AF Q.
Captain P. Shilwell		94th OGL, NASC.
Lieut B. C. Heine		98th OGL, NAPO.
F/Lt. J. Ampden		214 Group, RAF.

3. The Minutes of the last meeting were read and approved.

4. Arising out of Minute 7 of the last meeting, the Chairman stated that no further communication had been received from 73 OGL regarding the C.A.T. plant at Florence and pending a further communication it was agreed to let the matter rest.

5. Arising out of Minute 4 of the last meeting, Capt. Shilwell reported that he had made known his requirements for valves to C-in-C Med. and understood samples were being dispatched to him. He pointed out that he had at Terni 3,000 Oxygen and 1,000 Acetylene Cylinders which needed valves and if valves were forthcoming, could be put into circulation and save the Cylinder position. Captain Reynolds stated he would obtain the peak figure of production possible at the Terni Workshop and materials required and the Chairman suggested that immediately that information was available all Services and your [illegible] supply of material needed. He also stated that FHQ were trying out manufacture of valves and as soon as further information was available it would be placed before the Sub-Committee. It was agreed that this question of cylinder repair was one requiring total and combined effort of all Services.

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6. Services requirements of Oxygen and Acetylene, together with production reports from Plants under control of Allied Forces were then answered (see Appendix "A").

7. Captain Shilwell reported that if the Oxygen Plant at Terni could be run for full twenty four hours per day, an estimated increase in production of 1,000,000 cubic feet per month could be obtained. To do this would need an additional [illegible] electric power supply of [illegible]

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	R.E.	C.E. 15TH(UK).
Captain A. C. Kemplinger		AAFSC/MTO.
Lieut. Geo. S. Schultz		AAFSC/MTO.
Captain H. Reynolds, R.N.R.		C-in-C, Mediterranean.
Captain W. J. Newman.		Cmd (Pr), AFHQ.
Major J. T. Creasy,	R.E.	MRE, AFHQ.
Captain P. Shimwell		94th CMD, NAFC.
Lieut S. G. Imlay		96th CMD, NAFC.
F/Lt. J. Aspden		244 Group, RAF.

1. The Minutes of the last meeting were read and approved.

4. Arising out of Minute 7 of the last meeting, the Chairman stated that no further communication had been received from 72 CMD regarding the S.A.I. plant at Florence and pending a further communication it was agreed to let the matter rest.

5. Arising out of Minute 4 of the last meeting, Capt. Shimwell reported that he had made known his requirements for valves to C-in-C Med. and understood samples were being despatched to him. He pointed out that he had at Terni 3,000 Oxygen and 1,000 Acetylene Cylinders which needed valves and if valves were forthcoming, could be put into circulation and ease the Cylinder position. Captain Reynolds stated he would obtain the peak figure of production possible at the [illegible]er Workshop and materials required and the Chairman suggested that immediately that information was available all Services and your [illegible] supply of material needed. He also stated that PBS were trying out manufacture of valves and as soon as further information was available it would be placed before the Sub-Committee. It was agreed that this question of cylinder repair was one requiring total and combined effort of all Services.

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6. Services requirements of Oxygen and Acetylene, together with production reports from Plants under control of Allied Forces were then answered (see Appendix "A").

7. Captain Shimwell reported that if the Oxygen Plant at Terni could be run for full twenty four hours per day, an estimated increase in production of 1,000,000 cubic feet per month could be obtained. To do this would need an additional electric power supply of 600 K.W. per day for eight hours. He also pointed out that last month the Terni Plant lost thirty six hours per week production due to power failures, and that 8 to 10 days production had been lost due to non-availability of raw materials. Capt. Newman, Cmd(Pr) stated that they would be responsible for the raw materials, and it was unanimously agreed by the Sub-Committee that strong representation be made to the Board, through the parent Committee, that an increased allocation of electric power as stated above, be made immediately available at Terni, and that supply of electric power to all gas producing plants be recognised as being of first priority in the event of it being necessary for supply to be cut off temporarily from certain consumers.

8. Captain Shimwell brought to the notice of the Meeting the dangerous nature of the gases handled, and instanced a fatal accident that had recently occurred through the mixing of gases in cylinders. The Sub-Committee agreed that this was a matter of utmost gravity and ask that representations be made to the proper authorities for the reiteration to all units of existing safety regulations for handling and working of cylinders.

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3. It was reported by the Chairman, agreeing an enquiry from Captain Reynolds, that the Ammonia Plant at Nore Montoro, near Terni was ready to operate immediately certain raw materials were available and power was allocated. It was hoped these eventualities would become actualities during the coming week.

10. Captain Shirwell reported that the Plants at Terni were producing O.O.2 Nitrogen and Hydrogen and that filling requirements for Army Areas and Army service requiring these gases should make known their requirements to him.

11. The date of the next meeting was fixed at 1430 hours on Saturday January 20th 1945, and this being the last meeting in 1944, the Chairman extended to Members of the Sub-Committee thanks for their co-operation and good wishes for the coming year.

J. ARPIN, F/LT., RAF.
Secretary, for Chairman,
INDUSTRIAL GASES SUB-COMMITTEE.

DISTRIBUTION.

Copy No.	
1/2	C-in-C Med. AFHQ.
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7/8	OZ, MEDUSA.
9/10	AAFSC/MTO.
11/12	HQ 214 Group, RAF.
13/16	Air Forces Sub-Commission, HQ. AC.
17/18	Navy Sub-Commission, HQ. AC.
19/20	94 C.S., DEASC.
21	Engineer Section, PRS.
22	File.
23/35	Spares.

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(12)

ANNEX 'A'

EASTERN ITALY (Cubic Feet)

REQUIREMENTS

	Oxygen	Acetylene
Royal Navy	840,000	240,000
Ord. Dr.	300,000	240,000
R.A.F.	-	-
...A.F.S.C.	3,693,000	300,000
R.A.F.	300,000	-
	5,133,000	780,000

PRODUCTION

	Oxygen	Acetylene
	600,000	,000
	300,000	600,000
	-	-
	-	-
	-	-
	1,350,000	250,000

WESTERN ITALY (Cubic Feet)

REQUIREMENTS

	Oxygen	Acetylene
Royal Navy	200,000	40,000
Ord. Dr.	3,100,000	1,200,000
...A.F.S.C.	313,000	-
R.A.F.	2,990,000	1,680,000
	6,603,000	3,020,000

PRODUCTION

	Oxygen	Acetylene
	200,0	-
	5,400,000	1,6 ,000
	2,690,400	-
	1,200,000	690,000
	9,690,400	2,3 ,000

The overall deficiency of Oxygen and Acetylene will, it is hoped, be covered by the possible increased production at Terni and at ...A.F.S.C.

Declassified E.O. 12356 Section 3.3/NND No. 785017

ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

DEC 10 1944

Postal Address :
APHQS, RAOC, CMF

TEL : ROME 66275

9 December 1944.

LRS/ET
7/2/LR.

10 DEC 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE

Attached hereto is an index to the Minutes of meetings 16 - 17 of the Engineering Materials Committee of the Allied Force Local Resources (Italian) Board.

S.J.B. LOUDEN, Major, DAMG,
Secretary,
A.F.L.R. (Italian) Board.

DISTRIBUTION

Copy No:

1	C&O, AFHQ
2/3	G-in C, Med
4	Chief Commissioner A.C.
5	G-4(A), AFHQ
6/14	G-4(B), AFHQ
15	G-4(B), AFHQ (for DOMG)
16/17	G-4(B), AFHQ (spares)
18/19	G-5, AFHQ
20	Q(Maint), AFHQ
21	Q(AE), AFHQ
22	CE, AFHQ
23	D.W., AFHQ
24	Signal Sect (A), AFHQ
25	Signals (B), AFHQ
26	DST, AFHQ
27	Ord (A), AFHQ
28/31	TOS, AFHQ
32	DME, AFHQ
33/34	DME, Italy
35	Fiscal Director, AFHQ
36	F.A., AFHQ
37	CG, MTOUSA
38	G-4, MTOUSA

10 DEC 1944 A. C.

2076

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39 CE, MTOUSA
40 GPA, MTOUSA
41 CAO, HQ, AAI
42/43 DW, HQ, AAI
44/45 HQ, AAI
46 HQ, AC
47 Vice President, Economic Section, A.C.
48/49 Economic Sect., HQ, AC
50/61 Air Forces Sub-Commission, AC
63 Commerce Sub-Commission, AC
64 Industry Sub-Commission, AC
65 Naval Sub-Commission, AC
66/67 RN (FONAM)
68/69 RN (FOTALI)
70 RN (FOTALI), Rome
71 CS, Taranto
72 NOIC, Leghorn
73 Comdr., U.S. Eighth Fleet
74 SENALUSNO
75 MAAF (A)
76 MAAF (B)
77/80 AAFSC/MTO
81/82 Hq 314 Group RAF
83 FA, RAF
84/88 CG, RAAC
89/91 CE, PBS
92 HQ Adriatic Depot
93/94 AEOS(P), DDOS, L of C
95 Chairman, Engineering Materials Committee
96/103 LRS, HQ, AAI
104/105 AFLRS, Naples Area
106/107 AFLRC, S.E. Area
108 AFLRS, Sicilian Area
109 File
110/140 Spares.

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43

I N D E X

MEETINGS

of

ENGINEERING MATERIALS COMMITTEE

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

Nos: 13 - 17 8 AUG 44 - 27 NOV 44

KEY: Roman numerals signify number of meeting
Arabic numerals signify paragraph of minutes.

DATES OF MEETINGS

XIII	-	8 AUG 44
XIV	-	5 SEP 44
XV	-	3 OCT 44
XVI	-	30 OCT 44
XVII	-	27 NOV 44

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Acetylene	S.M.I.Plant W.D. Installation	XIII 13
Allocations	Bids received too late for consideration	XIII 11, XIV 7
	Percentage	XVII 39
Availabilities	Unallocated balances - procedure	XV 3
Brick Plants		XVII 38, XVII 40
Carbon Bisulphide	- Restricted Item	XVI 23
Caustic Soda		XVII 30
Controlled Materials	Application for in Army areas-procedure	XIII 3
	Italian Government	XVI 24
	List of	XV 7
Contract Prices	Recommendation	XIII 10
Copper	Designation	XVII 36
Chairman	Industrial Gases Sub-Committee	XIII 12
Industrial Gases Sub-Committee	- establishment of	XV 6
Italian Government	Materials under control of	XVI 24
Mercury	Allocations	XIII 7, XIV 8
Nera Montoro Chemical Works		XVII 36
Paint	Ornamental Paint Factory	XVI 19
Purchasing Orders	Enforcement of	XVI 24
Steel	Bids - revised procedure	XVI 22
	Central Naval Materials Agency	XIII 13
	Percentage allocation	XVII 38
	Requirements	XIII 6
	Terni & Ilva Torre Annunziata Wks	XV 6, XVI 17
Sturgis Torpedo Wks, Bala	Allocation of stocks from inventory	XVI 22
Soda Ash	Controlled Item	XVI 23 XVII 30
Sulphuric Acid	Allocations	XIII 4

4008 COS 4478

ALLIED FORCE HEADQUARTERS
[illegible]
ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

Ref: LRS/215

CORT NO 39 (15)

P/A @ W 2/12

Postal Address:
AFLRS, HAAC, CMF.

Telephone: ROME 66275

27 November 1944.

1 DEC 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES

27. The Seventeenth meeting of the Engineering Materials Committee was held at 0930 hrs, Monday 27 NOV 44 in the AFLRS Conference Room, ROME.

Present:

Brigadier R.H.EDWARDS, D.W., A.F.H.Q. Chairman.

Representatives of:

DW, HQ AAI
C-in-C Med.
CE, AFHQ
Tr. (Br) AFHQ
Signal Service (Am) AFHQ
Ord (Am) AFHQ
Ord (Br) AFHQ
RQ, AC
[illegible]
214 Gp. RAF
Navy Sub-Commission, HQ AC.

In attendance:

Chief of Section, AFLRS
Representative of CE, PBS

28. The minutes of the Sixteenth meeting were received and approved.

29. No matters arose for discussion out of the meeting of the Board held on 11 NOV 44.

30. A statement was received from AFLRS on the position regarding stocks of Caustic Soda. It was requested [illegible]

Declassified E.O. 12356 Section 3.3/NND No. 785017

29. The Seventeenth meeting of the Engineering Materials Committee was held at 0930 hrs, Monday 27 NOV 44 in the AFLRS Conference Room, MOWA.

Present:

Brigadier S.S.HOWARD, D.W., A.M.I.E.Q. Chairman.

Representatives of:

DW, HQ AAI
C-in-C Med.
CE, AFHQ
Tr (Br) AFHQ
Signal Service (Aus) AFHQ
Ord (Aus) AFHQ
Ord (Br) AFHQ
EQ, AC
AAFSC/MTO
214 Gp. RAF
Navy Sub-Commission, HQ AC.

In attendance:

Chief of Section, AFLRS
Representative of CE, PBS

22. The minutes of the Sixteenth meeting were received and approved.

23. No matters arose for discussion out of the meeting of the Board held on 11 NOV 44.

30. A statement was received from AFLRS on the position regarding stocks of Caustic Soda. HQ AC were requested to expedite the forwarding of information 2074 regarding stocks of Soda Ash (Sodium Carbonate.)

31. The estimated production figures from the steel mills operating under DW, HQ AAI control were received and bids as submitted by services were accepted for the month of January as follows:-

	Section	Plates	Sheets	Total
CE, PBS	1,830	432	559	2,821
RAF				
AAFSC/MTO	-	-	120	120
CE, FBS for ITO	220	-	50	270
DW, AAI for DATS	91½	80	6	177½
DW, AAI	2,400	375	-	2,775
Ord (US) AFHQ	100	80	-	180

Interested Services were requested to notify DW AAI of the details of sizes, types, etc., in accordance with the catalogue circulated, which they require against their allocation.

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32. Allocations were made against the unallocated balances of items carried forward from the last meeting, and against reported availabilities of controlled items. Allied were requested to issue the necessary release notes.

33. Letter JCC/5300/6/Canada dated 3 Nov 44 was received and in view of the explanation given by the Chairman on the method of operation of brick plants by the military, the AC representative agreed to submit civilian demands to DW, HQ AAF who would indicate where they could be satisfied.

34. The minutes of the meeting of the Industrial Gases Sub-Committee were received and accepted. (Appendix 'A' attached). 39-40

35. The representatives of C-in-C Med. and 21A Group RAF stated that the requirements of the Navy Sub-Commission and the Air Forces Sub-Commission for materials from local resources would in future be dealt with by the RN and RAF respectively.

36. It was agreed that availabilities of copper in future should state whether it was electrolytic or not.

37. A recommendation submitted by AC for the removal of Caustic Soda and Soda Ash from the controlled list and the placing of these two items on the restricted list was rejected in view of the importance of these materials for military needs.

38. The Committee recommended to the Board that the Electric Power Committee be instructed to make available 1800 KW of power for use in the Boro Montana chemical works which are being reactivated for the production of cresols for use in refrigeration, due to the shortage of this product and the difficulty of importing adequate supplies.

39. It was noted from the Agenda for the Industrial Co-ordination Committee that a proposal was being considered for the percentage allocation of materials such as cement and steel. The Committee considered that in the case of steel, the production of which called for a central control to ensure co-ordination of output, such percentage allocation might be feasible though not desirable at present as an enviable allocation of steel products was being achieved and was working well; for other products such as cement, of which the production was not interconnected, the principle of percentage allocation could not be satisfactorily applied.

40. A request was submitted by AC for the placing of Bricks & Tiles and Cement (where not manufactured in plants under direct control of the military), on the restricted list but in view of the effect that this would have on the interests of the Allied Armed Forces it was decided to leave these items neither controlled nor restricted as is the case at present.

41. The Eighteenth meeting of the Committee will be held at 0930 hrs, Tuesday, 2 Jan 45, in the AFHQ Conference Room, MO-5.

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(39-48)

35. The representatives of C-in-C Med. and 21A Group AAF stated that the requirements of the Navy Sub-Commission and the Air Forces Sub-Commission for materials from local resources would in future be dealt with by the AN and AAI respectively.

36. It was agreed that availabilities of copper in future should state whether it was electrolytic or not.

37. A recommendation submitted by AC for the removal of Caustic Soda and Soda Ash from the controlled list and the placing of these two items on the restricted list was rejected in view of the importance of these materials for military needs.

38. The Committee recommended to the Board that the Electric Power Committee be instructed to make available 1800 KW of power for use in the Pepe Montone chemical works which are being reactivated for the production of caustic for use in refrigeration, due to the shortage of this product and the difficulty of importing adequate supplies.

39. It was noted from the Agenda for the Industrial Co-ordination Committee that a proposal was being considered for the percentage allocation of materials such as cement and steel. The Committee considered that in the case of steel, the production of which called for a central control to ensure co-ordination of output, such percentage allocation might be feasible though not desirable at present as an amicable allocation of steel products was being obtained and was working well, for other products such as cement, of which the production was not interconnected, the principle of percentage allocation could not be satisfactorily applied.

40. A request was submitted by AC for the placing of Bricks & Tiles and Cement (where not manufactured in plants under direct control of the military), on the restricted list but in view of the effect that this would have on the interests of the Allied Armed Forces it was decided to leave these items neither controlled nor restricted as is the case at present.

41. The Eighteenth meeting of the Committee will be held at 0930 hrs, Tuesday, 2 Jan 45, in the AFLRB Conference Room, ROME.

E. J. B. LOUDEN,
Major, R.A.S.C.
Secretary,
Allied Forces Local Resources (Italian) Board.

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15/16	G(M) (Br), AFHQ.
19	REME, AFHQ.
20/21	MAC ITALY, AFHQ.
22	Signal Director, AFHQ.
23	P.A., AFHQ.
24	C.O., MTOUSA.
25	G-4, MTOUSA.
26	C.E., MTOUSA.
27	G.P.M., MTOUSA.
28	G.S.O., HQ AAI.
29/30	HQ, A.A.I.
31/32	D.F., HQ AAI.
33	MA, A.C.
34	Vice-President, Economic Section, HQ AC.
35/36	Economic Section, HQ AC.
37/48	Air Forces Sub-Commission, HQ AC.
49	Army Sub-Commission, HQ AC.
50	Commerce Sub-Commission, HQ AC.
51	Industry Sub-Commission, HQ AC.
52	Naval Sub-Commission, HQ AC.
53/54	R.N. (FORLI)
55/56	R.N. (FOGGIA)
57	R.N. (MONTALI), ROME.
58	C.S., TARANTO.
59	S.U.S.N.O., ITALY.
60	M.A.A.F. (L)
61	M.A.A.F. (T)
62/63	AAFSO/AFO
64/67	HQ, 21A Group, MAF (for attention F/L. [illegible])
68	F.E., MAF.
69	M.O.I.C., LAVAGNA.
70/74	S.G., PARIS.
75/77	C.E., PARIS.
78	HQ, Adriatic Depot.
79/80	ADOS (P), ADOS L of C, C.M.F.
81	Chairman, Engineering Materials Committee.
82/83	U.S.N., HQ AAI.
84/85	APUSA Naples Area.
86/87	APUSA (S.E.) Area.
88	APUSA SICILIAN Area.
89/90	APUSA 5 ARMY Detachment.
91	APUSA 8 ARMY Detachment.
92	APUSA LEVANTINE Detachment.
93	File.
94/125	Spares.

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COPY NO_____

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
ENGINEERING SUB-COMMITTEE

INDUSTRIAL GAS SUB-COMMITTEE - MINUTES

17 November 1944.

1. A meeting of this Sub-Committee was held at Allied Force Local Resources Section Conference Room at 1430 hours on Friday, 17 NOV 44.

2. PRESENT:- REPRESENTING:

Major R.E.MacDonald	C.E.	Engineer Section, MAC - Chairman.
Captain E.H.Adams	C.E.	C.E., AFHQ.
Captain K.S.Foster	C.E.	C.E., 15th, Main.
Flight Lieutenant J.Hopkins		231 Group R.A.F.
Captain H.Reynolds,	R.N.V.R.	C-in-C Med.
Captain A.W.F.Davey	R.E.	D.W., AFHQ
Captain T.W.T.Jones.		Ord (Ir) AFHQ
Captain A.L.Applinger.		A.FSC/.TO
Lieut.Geo.G.Soulis.	A.C.	A.FSC/.TO
Lieut.E.G.H.Kent.		9th Comp. Gas Coy., RaCD.

3. The Chairman stated that the Sub-Committee had had no Secretary since its reorganisation and Flight Lieutenant J.Hopkins of the R.A.F. was asked to act as Secretary and accepted.

4. Captain H.Reynolds, RNVR., stated that arising from minute No 14 of the last meeting, he was now in a position to say that requirements for spares for damaged cylinders were being made by the Royal Navy, and if services would write to him at C-in-C Med. stating their requirements, every endeavour would be made to supply these spares. This offer was gratefully accepted by the Committee.

5. Service requirements of Oxygen and Acetylene together with production reports from plants under control of Allied Forces were then answered. (See Appendix 'A').

6. The requirements of the Services for Calcium Carbide were reported as being approximately: AF 1100 tons, 15 Forces 325 tons, DW 275 tons, RAF (including AMGOT) 15 tons - a total of 715 tons per month. CE, FSB and DW reported they had release notes for Calcium Carbide which had expired and in view of the need for this item it was suggested AFLSB be approached to renew the releases.

7. A letter was tabled by the Chairman from the 5th Army area enclosing a report on the position of the S.A.T. Oxygen Plant in FLORENCE, which 7th CME had reported as being, in good condition and supplied with a compressor and motor was capable of a good production. The 5th Army stated they were willing to release the plant from Army control. It was agreed that the Chairman take up the matter further with AFLSB

Captain M.S.Foster C.C.
Flight Lieutenant J.Lapden
Captain B.Reynolds, R.N.V.R.
Captain A.E.P.Davey R.E.
Captain T.W.T.Jones.
Captain A.C.Applinger.
Lieut.Geo.S.Schultz. A.C.
Lieut.F.D.H.Kent.

21A Group R.A.F.
C-in-C Med.
D.W., AFHQ
C-in (Br) AFHQ
...SC/320
...SC/320
94 Comp. Gas Coy., RASC.

3. The Chairman stated that the Sub-Committee had had no Secretary since its reorganisation and Flight Lieutenant J.Lapden of the R.A.F. was asked to act as Secretary and accepted.

4. Captain B.Reynolds, RNVR, stated that arising from minute No 14 of the last meeting, he was now in a position to say that requirements for spares for damaged cylinders were being made by the Royal Navy, and if services would write to him at C-in-C Med. stating their requirements, every endeavour would be made to supply these spares. This offer was gratefully accepted by the Committee.

5. Service requirements of Oxygen and Acetylene together with production reports from plants under control of Allied Forces were then answered. (See Appendix 'A').

6. The requirements of the Services for Calcium Carbide were reported as being approximately: RN 1100 tons, US Forces 325 tons, RAF 275 tons, RAF (including AAFSC) 15 tons - a total of 715 tons per month. CE, PBS and CW reported they had release notes for Calcium Carbide which had expired and in view of the need for this item it was suggested AFLMS be approached to renew the releases.

7. A letter was tabled by the Chairman from the 5th Army Area enclosing a report on the position of the U.S.A.F. Oxygen Plant in NAPLES, which 75 CSE had reported as being in good condition and supplied with a compressor and motor was capable of good production. The 5th Army stated they were willing to release the plant from Army control. It was agreed that the Chairman take up the matter further with AFLMS and suggest that 75 CSE be allowed to go ahead and put the plant on a working basis, the question of control to be discussed at the next meeting.

8. A further letter from the AFLMS was tabled; this enclosed a letter from Air Forces Sub-Commission asking for allocation of acetylene gas for civilian consumption working for the Italian Air Force and for calcium carbide and caustic soda from various firms owned in ZONE. British Ordnance agreed to supply the acetylene which amounted to 98 cylinders but it was pointed out that data for caustic soda and carbide were against availabilities declared for the October meeting of the Engineering Materials Committee and could not be considered, as this material had been allocated. The letter was passed to the RAF representative who promised to see Air Forces Sub-Commission and explain the position.

9. The date of the next meeting was fixed for 1430 hours on 16 DECEMBER 44.

2072

J.LAPDEN, F/LT, R.A.F.
Secretary, for Chairman,
INTERMEDIATE GASES SUB-COMMITTEE.

DISTRIBUTION - see reverse.

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9/10 ...PSC/AFO
11/12 ...ir 214 ...ng.
13/16 ...ir Force Sub-Command...
17/18 Navy Sub-Command...
19/20 ...a C.G., (Area)
21/23 Embassy, Caracas, ...
24 ...ILO.
25/35 Spares.

Declassified E.O. 12356 Section 3.3/NND No. 785017

APPENDIX 'A'

EASTERN ITALY (In cubic feet)

	REQUIREMENTS		PRODUCTION	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy	840,000	180,000	930,000	600,000
Ord. Dr.	220,000	60,000	600,000	200,000
P.B.E.	-	-	-	-
U.S.N.C.	3293,000	300,000	-	-
R.A.F.	300,000			
	4656,000	540,000	1530,000	800,000

WESTERN ITALY (In cubic feet)

	REQUIREMENTS		PRODUCTION	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy	250,000	90,000	70,000	-
Ord. Dr.	2275,000	940,000	6150,000	1560,000
U.S.P.C.	313,000	-	2305,000	-
U.S.N.	2877,000	1563,000	1200,000	680,000
	5715,000	2593,000	9725,000	2240,000

	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy	340,000	180,000	930,000	600,000
Ord. Sr.	220,000	60,000	600,000	200,000
P.S.D.	-	-	-	-
...F.S.D.	3293,000	300,000	-	-
R.A.F.	300,000			
	4656,000	540,000	1530,000	800,000

WEST COAST ITALY (In cubic feet)

	REQUIREMENTS		PRODUCTION	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy	250,000	60,000	70,000	-
Ord. Sr.	2275,000	340,000	6150,000	1540,000
...PSO	313,000	-	2305,000	-
P.S.D.	2877,000	1563,000	1200,000	680,000
	5715,000	2563,000	9725,000	2220,000

The surplus Oxygen on the West Coast will meet the deficiency on the East Coast and vice versa for acetylene, though it is considered that the deficiency of acetylene is, from previous experiences, more apparent than real.

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4005 Copy 38

19 NOV 1944

COPY NO 31

ALLIED FORCE LOCAL RESOURCES SECTION

LRS/245

Postal Address:
AFLRS, GHQ, CMF.

Telephone: ROME 6-6275

19 November 1944.

20 NOV Recd

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - AGENDA.

The seventeenth meeting of the Engineering Materials Committee will be held at 0930 hours on MONDAY, 27 NOV 44 in the AFLRS Conference Room, 2nd. Floor, 66 Piazza dell'Esedra, ROME, to consider the following Agenda:-

1. Minutes of the sixteenth meeting held on 30 OCT 44.

2. To consider any matters arising out of the meeting of the Board held on 11 NOV 44.

3. To receive a statement from AFLRS on the position regarding stocks of Caustic Soda and Soda Ash (Appendix 'A' attached).

4. To receive from DW ED and the estimated production in tons of plate, sections and sheet from steel mills operating under their control for the month of January 1945. (Appendix 'B' attached).

5. To receive from AFLRS the consolidated requirements of all Services and AC for steel production from the above plants for the month of January. Such requirements to be submitted to AFLRS 72 hours before the time of the meeting.

6. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix 'C') and to release any remaining balances to AC.

7. To make allocations against reported availabilities of controlled items. (Appendix 'D')

8. To receive Letter AGC/4300/4/Commerce dated 3 Nov 44 from HQ AC (Appx 'E') and to recommend to the Board a method for ensuring an equitable distribution of drinks to all interested services and AC.

9. To consider the minutes of the Industrial Gases Sub-Committee meeting of

2079

held at 0930 hours on [illegible], 22 NOV 44 in the AFLES Conference Room, 2nd.Floor, 68 Piazza dell'Esedra, ROME, to consider the following Agenda:-

1. Minutes of the sixteenth meeting held on 30 OCT 44.

2. To consider any matters arising out of the meeting of the Board held on 11 NOV 44.

3. To receive a statement from AFLES on the position regarding stocks of Caustic Soda and Soda Ash (Appendix 'A' attached).

4. To receive from DW EQ and the estimated production in tons of plate, sections and sheet from steel mills operating under their control for the month of January 1945. (Appendix 'B' attached).

5. To receive from AFLES the consolidated requirements of all Services and AC for steel production from the above plants for the month of January. Such requirements to be submitted to AFLES 72 hours before the time of the meeting.

6. To make allocations of controlled materials against the re-allocated balance of items carried forward from the last meeting (Appendix 'C') and to release any remaining balances to AC.

7. To make allocations against reported availabilities of controlled items. (Appendix 'D')

8. To receive letter AC/[illegible]/4/Cons/[illegible] dated 3 Nov 44 from HQ AC (appx 'E') and to recommend to the Board a method for ensuring an equitable distribution of drinks to all interested services and AC.

9. To consider the minutes of the Industrial Gases Sub-Committee meeting of 17 NOV 44.

10. Any other business.

11. To set a date for the next meeting.

PA 2079
20/11

S.J.S.SLATER,
Major, RA[illegible],
Secretary,
Allied Force Local Resources (Italian) Board.

S.J.S./rgf

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On Page 17 of Appendix 'D' full details are given of all known remaining stocks of this commodity.

The item of Nil turn of caustic soda at Solvay Arma, should not, in the remaining balance of the 2000 tons previously reported there against which allocations to date have been made as follows:-

[illegible]	1910 Tons
[illegible]	146 Tons
	1134 Tons

[illegible]

No availabilities of this material have as yet been reported by [illegible].

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"C"

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UNALLOCATED BALANCE OF MATERIALS FROM DISPOSITION OF 30 OCT 44.

At Soc. ATTILIO PICCILLI, VIA APPIA NUOVA 67, Rome, under control of AC.

Carbon Steel in Bars	180 Qlo.
Annealed galvanized iron wire	10 "
Cr[illegible] Scrap	35 "
Lead Scraps	7 "

At DITTA MAURIZIO-RENZO, Via A. IACATO, 27 Rome, under control of AG, 5th Army

Special Steel	4.5 Tons

at DITTA, G. GIOVANNI, Valdarno, under control of AG, 5th Army

Annealed Iron Wire	94.8 Tons
Bright Iron Wire	167.9 Tons
Galvanized Iron Wire	2.8 Tons
Annealed Galvanized Iron Wire	0.35 Tons
Galvanized Wire	2.8 Tons
Barbed Wire (Plain)	50.2 Tons

at S.I.M.A. (SOCIETA' D. Grosseto, under control of AG, 5th Army

Electric Shields	200 Nos.

35

THE FOLLOWING AVAILABILITIES OF CONTROLLED FERROUS METALS IS REPORTED:

AT STABILIMENTO S. GIORGIO, Via Pisana, Rome, under control of AC.

Flexible steel wire 76 Kgs.

AT CALZONI & BACCHI, Colle Val d'Elsa, Siena, under control of AC.

Iron wire and scraps 110 Tons
Steel wire (for belts) 30,000 Kgs.

AT EMPOLI, Via Arno Inova, 67, Rome, under control of AC.

Thin iron wire 1,700 Kgs.

AT A/C. AV. PIETRANGELO CANCELLI, Via Cimarosa, 43 r, Florence, under control of AC 5th area.

Steel cable, wire covered "Commercial" type, 72 strands - 7 6 strands each:

m/m	Kgs.	m/m	Kgs.
2	2	7	65
3	15	8	100
4	20	10	30
5	40	12	35
6	50		

Steel wire, harmonic, for spring making, "National",

m/m	Kgs.	m/m	Kgs.
3/10	1/5	15/10	2
5/10	1/2	18/10	1/3
7/10	1	20/10	3
10/10	4/5	22/10	1/2
12/10	3½		

Steel wire, for springs, "Regionale", temperable,

Mm.	Kgs.	Mm.	Kgs.
9	1	19	5
15	40	20	10
17	35	21	5
18	10		

Iron wire, zinc covered.	kg.	Kgs.
	11	400
	20	100

Iron wire, black (engine type). 6 10

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a) DOTT. A. REDAELLI & C. S.A., Via Cavour, 82 r, Florence under control of ACC 513 APO.

Steel cable, zinc covered "Commercials" type, 12 strands of 6 threads each:

m/m	Kgs.	m/m	Kgs.
2	2	7	5
3	15	8	100
4	20	10	20
5	40	14	35
6	50		

Steel wire, harmonic, for spring making, "National",

m/m	Kgs.	m/m	Kgs.
3/10	1/5	15/10	3
5/10	1/2	18/10	4/5
7/10	1	20/10	3
10/10	4/5	22/10	1/2
12/10	3½		

Steel wire, for springs, "Mexicana", temperable,

No.	Kgs.	No.	Kgs.
9	1	19	5
12	40	20	10
17	15	21	5
18	10		

Iron wire, zinc covered,

No.	Kgs.
11	400
20	100

Iron wire, black (cooked iron),

6	10
10	150
11	500
12	200

a) DOTT. A. REDAELLI & C. S.A., Via Cavour, 82 r, Florence, under control of ACC 513 APO.

Steel wire, harmonic, for springs, "Harmonic",

m/m	Kgs.	m/m	Kgs.
3/10	2/3	17/10	3
1/10	8	20/10	8
6/10	7	22/10	5
10/10	2/3	12/20	7

Steel wire, harmonic, for springs, "Reclamale", in coils of 1 kgs. each.

m/m	Kgs.
25/10	16
30/10	17

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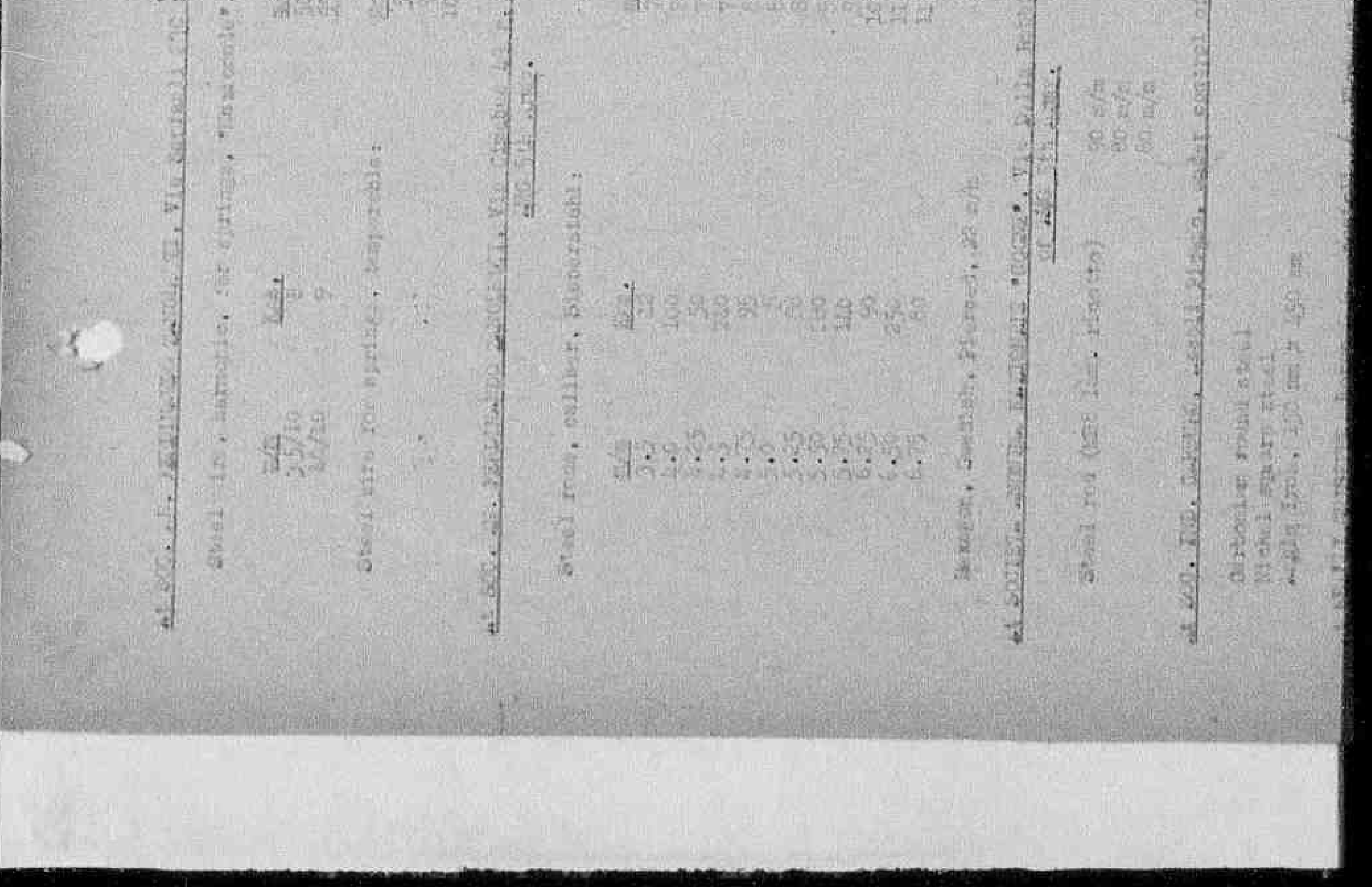

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At S.A.F.E. ex. Fabbriche Riunite, Via Guelfa 42 r, Florence, under control of 440 Sig. Coy.

Steel rods, solider, Stahlstahl.

m/m	Kg.	m/m	Kg.
3.	12	7.0	210
4.0	100	7.25	80
4.25	30	7.5	220
4.5	210	7.75	150
4.75	35	8.0	65
5.0	5	8.50	300
5.25	60	8.75	90
5.50	280	9.0	90
5.75	140	9.5	170
6.0	90	10.5	130
6.50	254	11.0	80
6.75	80	11.5	135

Wagon, Swedish, Firenze, 22 m/m 3,000 Kgs.

At SOCIETA ANON. MACCHINE "GROSSI", Via Dalla Robbia 71, Florence, under control of 440 Sig. Coy.

Steel rod (SAE 1045, electric) 90 m/m 36 Kgs.
80 m/m 419 Kgs.
60 m/m 205 Kgs.

At ACC. INC. D'ITALIA, steels Piazza, under control of 440.

Carbonium round steel 491 Kgs.
Nickel square steel 40 "
Angle Iron, 150 mm x 150 mm 7,600 "

At SOCIETA OFFICINE, Reggio n.5, Florence, under control of 440, 5th Army.

Construction Steel, various forms over 150 m/m, various sizes - 712 Kgs.

At SOCIETA Steel, Sesto Fiorentino, under control of 440.

Pig Iron 36 Tons

At S.A.C.M.I. Pistoia, Florence, Livorno, under control of 440.

Pig Iron 350 Tons

At A.F.A.I., Monte Valerio, Fontidia, Montalto, Livorno, under control of 440.

Pig iron steel for mills 15.3 Tons

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THE FOLLOWING AVAILABILITIES OF CONTROLLED NON-FERROUS METALS IS REPORTED:

At A.C.I.A., Via Cristo Rei 96, Rome, under control of AC.

Lead Wool 825 Kgs.

At SOC. IND. CARBURO, Angelo Pisoni, under control of AC.

Copper scrap	2,591 Kgs.
Copper bars	843 Kgs.
Copper pipes	195 "
Copper tubes	292 "
Solder	257 "
Lead Scrap	269 "
Anti-friction metal scrap	502 "
Brass Scrap	251 "

At NOBEL S.A. CENTRALE 96 10, Cornaredo, under control of AC.

Tin 418 Kgs.

At EMPORIO VILLEROY & BOCH ELETTRICO, Via Pellegrino Rossi, 9, Rome, under control of AC.

Copper 4 Tons

At ALBERTO MAZZI & FIGLI, Via Cavour 84-86 R, Florence, under control of AAI, Via AFTN.

Copper scrap	1,000 Kgs.
Solder, alle colofonia	50 Kgs.

At ALFIO KIKI, Piazza Duomo, 40 R, Prato, under control of AAI, Via AFTN.

Solder 1½ Kgs.

At SOC. AN. MONTECATINI, Via A. Calandra, 12, Rome, under control of AC.

Piping, lead, ½" to 2" (in 10' lengths)	40 Lengths
Lead (salvage), approx.	100 Pons

At BARI AFB, under control of Salvage (Sr), AFHQ.

Scrap copper	9 Tons
Lead Ingots	10 "

At NAPLES AFB, under control of Salvage (Sr) AFHQ.

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at [illegible] 413 Kgs.

Tin

at PISCIO MILITARY LANDING FIELD, Via Pellegrino Rossi, S. Rosa, under control of AC.

1 Ton

Copper

at ALBERO PIANI a FICLI, Via Aurelia 64-66 N. Florence, under control of AC, 5th Army.

Copper scrap 1,800 Kgs.
Solder, alloy of Sn. & Pb 50 Kgs.

At AERO CORI, Piazza Duomo, 40 N. Pronto, under control of AC, 5th Army.

1½ Tons.

Solder

At 300, Sq. REPARATIVI, Via A. Gallenga, 12, Rome, under control of AC.

Piping, lead, ½" to 2" (in 10' lengths) 40 Lengths
Lead (scrap), approx. 100 Tons

at Fort "Pia", under control of Salvage (Fr). FFA.

Scrap copper 9 Tons
Lead Ingots 10 "

at NAPLES AFC, under control of Salvage (Fr) FFA.

Scrap copper 21 Tons
Lead Ingots 2 "

In NORTH AFRICA*, under control of Salvage (Fr) FFA.

Copper scrap 10 Tons
Lead, pure ingots 64 Tons (excluding battery plates)

* This material is not required by Services in N...

At R.A.D.I.A.T., Piazza Indi, 31, Rome, under control of AC.

Scrap copper 500 Kgs.
Scrap brass 22,884 "
Scrap lead 300 "
Plate lead 2,500 "
Lead tubes 500 "

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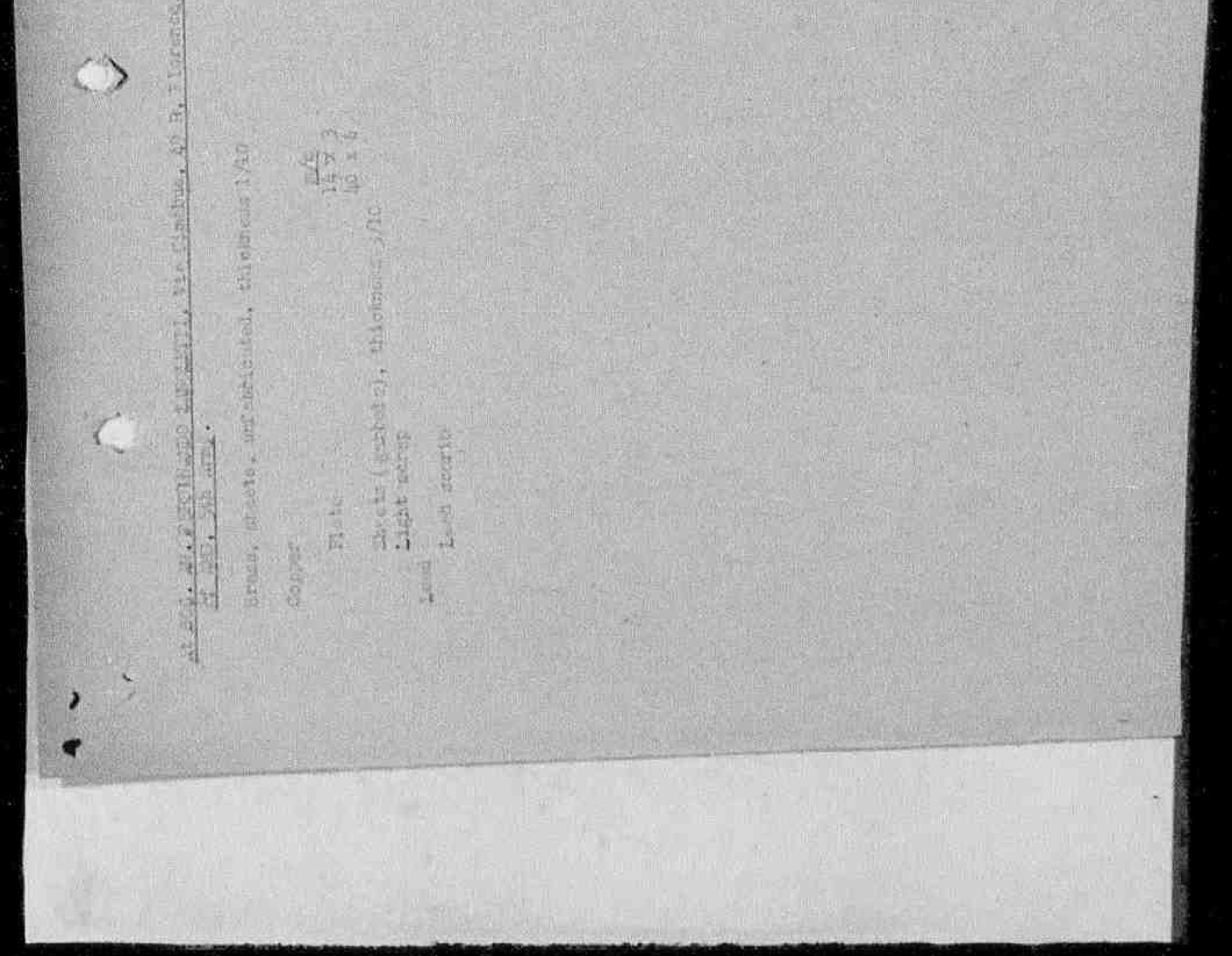

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2065

Sketch (general), this area (Dr. [illegible] map

2nd Sgt. Curtis

10 x 6

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Electric wire, copper, insulated		
0.5 mmq.	15,000	m
0.75 "	4,000	"
1. "	1,000	"
Electric cable, copper, lead insulated		
2 strand 1.50 mmq.	500	"
3 " 0.75 "	500	"
Telephone cable, copper 6/10		
2 strand	600	"
12 "	1,000	"
16 "	400	"
Electric cable, copper, rubber insulated		
3 strand 4 mmq.	50	"
" " 16 "	50	"

At PONTE MATTELLI & CO., Florence Branch Office - Via Cavour 5-5, Warehouse Via Rivoli, 63 R, Florence, under control of Lt. Col. [illegible] AMG

Motor, triphase, a coll, stone) type IMO 30/4, 3F. 220/415	
Horsepower 1.35 a 395 revolutions	
" 1.54 " 1350 revolutions	1
" 1.6 " 1450 "	1
Motor, triphase, type VT 100/4, 3F. 220/10, HP 1	
Motor, triphase (a collettore) type IMO 3C/4, 3F. 220/50	
Horsepower 1.5 a 600 revolutions	
" 3.4 a 1500 "	
" 4.1 a 1950 "	1
Motor triphase type Mas 200/8 no 3F. 115/220-50 - HP 11	1
Transformers, monophase type ATMA 30 - 220/30 Volt, 50	
Periods - 3 KVA	6
Motor triphase type MAT 125/8, HP 3F. 200/346-50; HP 6.25	1
" " " MAS 250/8, HP 3F. 115/200-50; HP 15;	
1 resistat	1
Motor triphase type MAT, 112/4, HP 3F. 200/346-50; HP 10	1
" " " " 125/8, HP 3F. 200/346-50; HP 6.25	1
" monophase type Ya 15. motorinne 127/50; 1 Resistat per motor type HP 1	1
Motor (direct current) type VNB per ventilator gas; 12 V.	1
Motor triphase type ACA 642, 3F. 380/430-50; HP 11	1
Motor triphase type ASA 616, 3F.; 220/380-50; HP 6	4
Motor triphase type ASA 286, 3F. 130/220-50; HP 0.5;	
2 pulley	2
Motor triphase type ASA 514; 3F., 660/1150-50; HP 3.6;	
2 resistat	2
Motor triphase type AM 124; 3F.; 150/260-50; HP 0.5;	
1 pulley	1
Motor triphase type AS 424, 3F.; 220/380-50; HP 4	1

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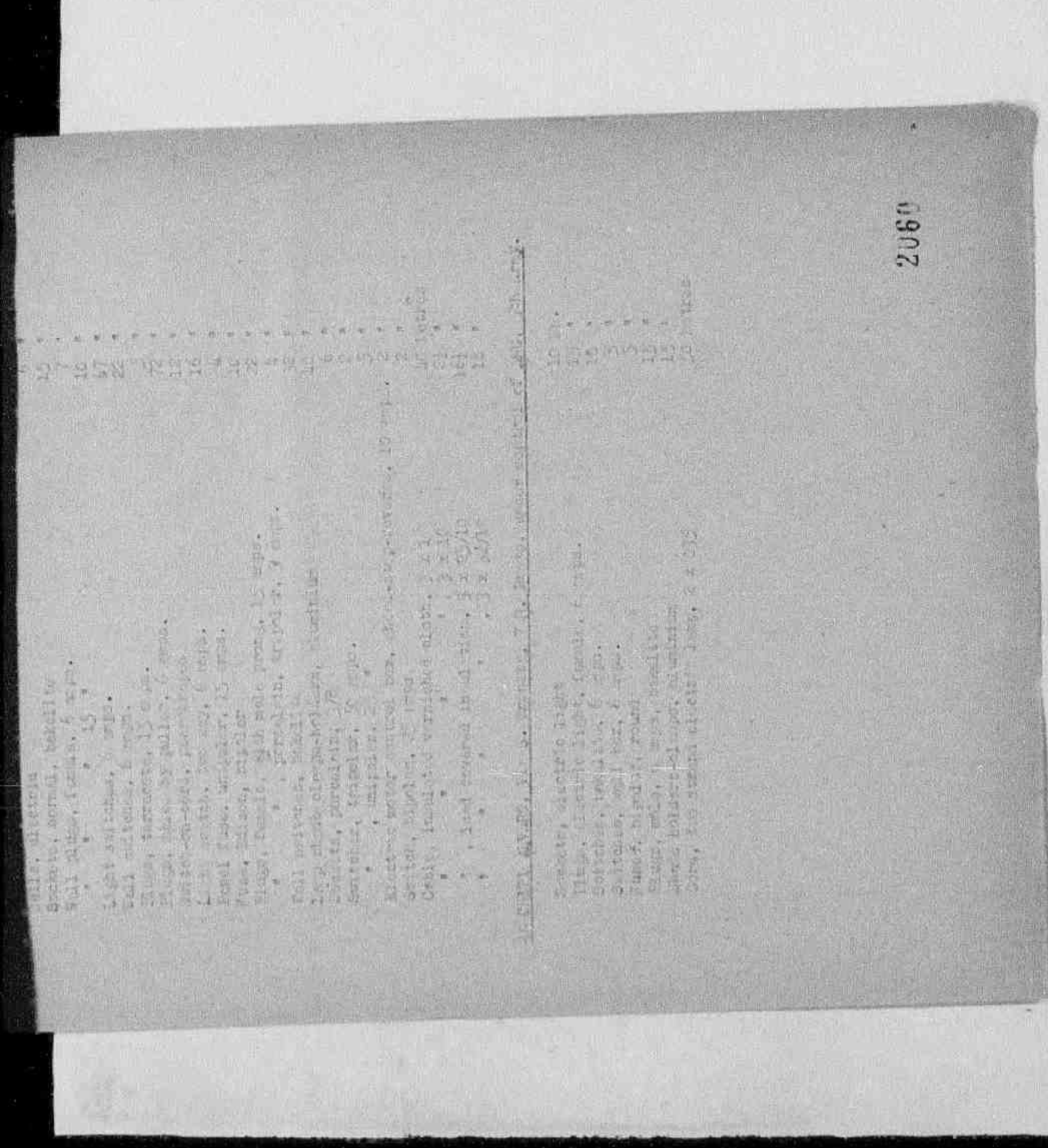

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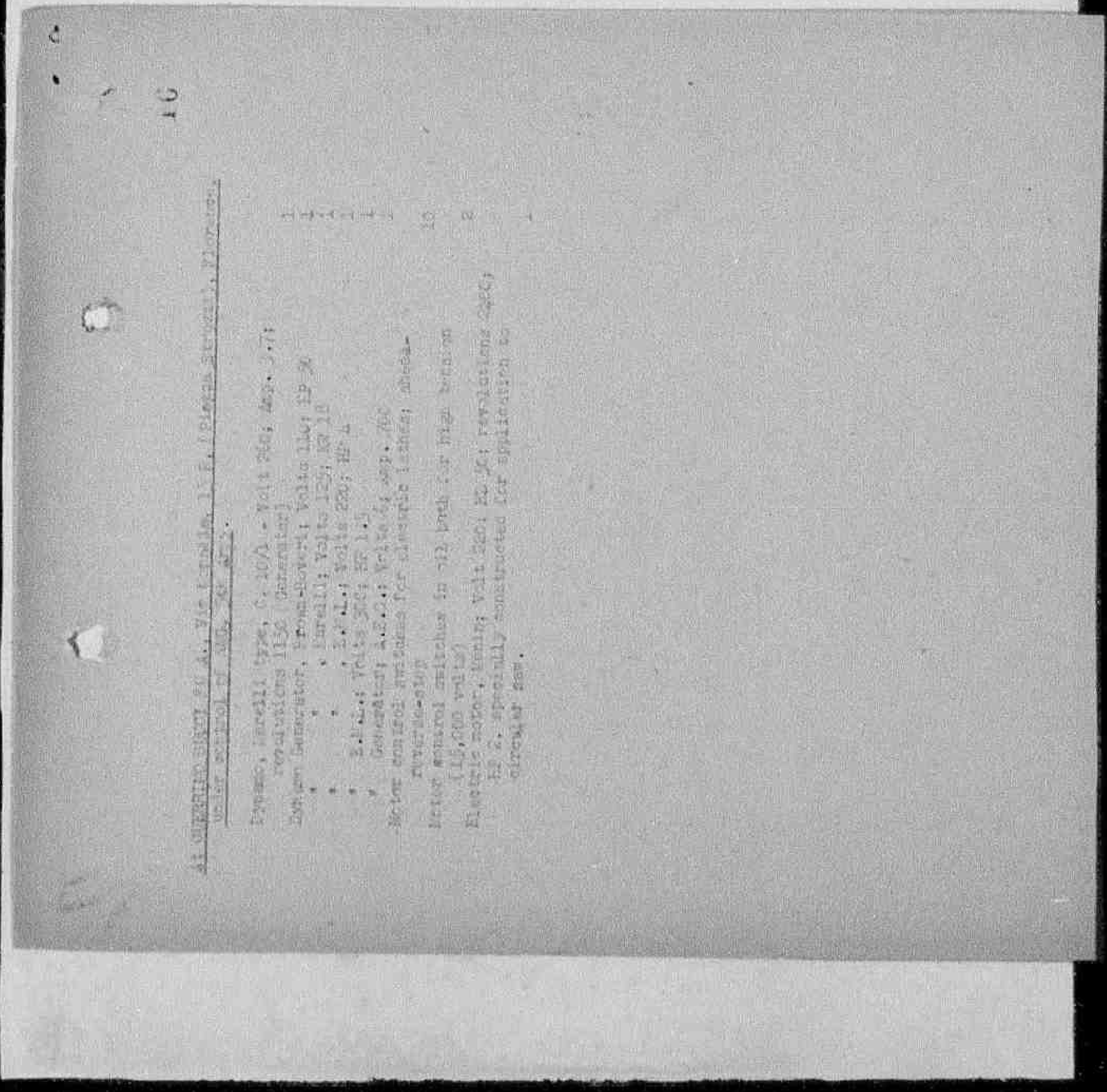

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THE FOLLOWING AVAILABILITY OF CHEMICAL MATERIAL DATA SHOULD BE REVISED

at SOC. DEL CARMINE, Local Plants, under control of AC.

Empty oxygen containers:	3 cu. ft.	10 each
	5 cu. ft.	10 "
Empty acetylene containers		10 each

at A.A.A.I., Monte Velerio, Campidia, Lavitinia, Livorno under control of AC.:

Iron tubes for compressed air	2.7 tons

at SOC. le TACCHINE, Via della Barriera 61, Bres, under control of AC.

Caustic (solution 30%)	0.5 tons
Caustic soda, 98° Be'	1.2 tons

At ALFIO GIRI, Piazza Duomo 40 1, Brat., under control of AC/ 5th Army.

Caustic Soda	35 kgs.

at SOC. IND. CARBONI, Locali Piazza, under control of AC.

Caustic Soda (29 carboys)	1,050 kgs.

at OFFICINE GIULIO CESARE FU CARLO, Brescia, under control of AC/ 5th Army.

Caustic Soda	5, kgs.

at C.I.S.A. VISCOSA, Via Goldoni 1, Rome under control of AC.

Caustic Soda	50 tons

at C.I.S.A. VISCOSA, Viale Marconi, Rieti, under control of AC.

Caustic Soda	175 tons

at STILI BRIOSI, Stabilimento di Pieve, Olona, under control of AC/ 5th Army.

Caustic Soda	200 kgs.

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at ACC. La V.M.COLLE, Via Colle Nuovo 21, Rome, under control of AC.

Ammonia (solution 30%)

Caustic soda, 98% pel

6 tons

1.5 tons

at ALFIO CORE, Piazza Duomo 16 c, Prato, under control of AUS 5th Army.

Caustic Soda

25 tons.

at ASC. Ind. CARBURO, Arcelli Firenze, under control of AC.

Caustic Soda (2) carboys

4,060 kgs.

at CIOV.COSIMO GIULIAI 50 ..ONZI, Prato, under control of AUS 5th Army.

Caustic Soda

2) Kgs.

at S.I.S.... VICCHI, Via Aubini n. Rome under control of AC.

Caustic Soda

50 tons

at S.I.S.... VICCHI, Viale Marconi, Pisti, under control of AC.

Caustic Soda

170 tons

at FILLI ZUCCHI, Stabilimento di Pievo, Chiesa, under control of AUS 5th Army.

Caustic Soda

200 M.T.

at GOLWAY CO., Senigagano, under control of AC.

Caustic Soda

410 tons

*Shortage of caustic soda at this point, reported as urgent by military.

at ASC. IND.STRIL. CARBURO, Arcelli Firenze, under control of AC.

Calcium Carbide

450 tons

at S.I.S.... Alberto, Rome Sett 11th Grenadi., under control of AC.

Calcium Carbide

100 Kgs.

at ASC. .E. LUCCATELLI, Via .. Gaibaldi, 13, Rome, under control of AC.

Carbide (in drums of 50 kgs.)

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APPENDIX 'E'

HEADQUARTERS, ALLIED COMMISSION.
APO 394
(ADDRESS SUB-COMMISSION) LCW/sdg
Releases & Requirements Section.

Ref. ACC/5303/6/Cameroon. 3 November 1944

SUBJECT : Bricks.

TO : AFLIB, N.C.

1. The following extract from a letter written by the Regional Engineer, Douala-Edea Region, to the Regional Commissioner, and passed by letter to this HQ for attention, is sent to you for your comments and advice.

2. "Considerable delays and much unnecessary expenditure of officers' time has resulted from brick shortage.

On 22 September demands on M.T 10 were submitted for 475,000 Bricks for Road Bridges on State Roads NOT classified as Military.

They were returned by the DOUALA Sub-Commission with remark "Bricks may be procured from any available sources without reference to the HQ or AFLB(I)B", as uncontrolled material.

They are NOT on the latest list of controlled material, but in fact many brick factories are blocked by various people.

Region Douala & Edea (Industry) have been asked and they have no information of any blocked brick works.

Road (CES 704) has blocked none but when he wants Bricks has to apply to HQ who releases on a particular factory.

This clearly shows that Bricks are blocked at least by HQ and I understand also by PE District and CES's".

3. Upon receipt of your comments a reply can then be sent by this Sub-Commission in answer to the letter from the Regional Engineer.

For the acting Chief Commissioner:

(Sgd) W.S.HOUSTON
Lt.Col. D.I.C.,
Acting Director

Lazio-Sabria Region, to the Regional Commissioner, and [illegible] this HQ for attention, is sent to you for your comments and advice.

2. "Considerable delays and much unnecessary expenditure of officers' time has resulted from brick checking.

On 22 September demands on AFL3 10 were submitted for 400,000 bricks for flood bridges on State Roads NOT classified as military.

They were returned by CC [illegible] Sub-Commission with remark "bricks may be procured from any available sources without reference to the HQ of AFL3(I)B", as uncontrolled material.

They are NOT on the latest list of controlled material, but in fact many brick factories are blocked by various people.

Region Lazio & Sabria (Industry) have been asked and they have no information of any blocked brick works.

RASC (CRE 10A) has blocked none but when he wants bricks has to apply to DW who releases on a particular factory.

This clearly shows that bricks are blocked at least by DW and I understand also by CE District and CRE's".

3. Upon receipt of your comments a reply can then be sent by this Sub-Commission in answer to the letter from the Regional Engineer.

For the Acting Chief Commissioner:

(Sgd) W.E.SOUTH
Major R.E.,
Acting Director,
Commerce Sub-Commission.

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The following information regarding stocks of materials which are neither controlled nor restricted has reached this Section, and is attached for the information of members.

<u>At EMPORIO MILANESE MATERIALE ELETTRICO, Via Pellegrino Rossi, 8, Roma.</u>

Iron Sheets	300 Kgs.
Iron Plate	200 Kgs.

<u>At NICCOLI SEVERINE, Via Dei Neri, 60 R, Florence.</u>

Insulators, porcelain, size No. 1 & 3	550 Ea.
" , small size	90 Ea.

<u>At ALBERTO NAZZI & FIGLI, Via Alfani 34-36 R, Florence.</u>

Insulators, spool type, sizes 12 x 15 to 65 x 95	10,000 Ea.
" , bell shaped, sizes 40 x 55 to 88 x 140	2,000 "
" , a rocchetto (between spool type and bell shape), sizes 14 x 17 to 70 x 70	100,000 "
" , neck shape, sizes 42 x 72 to 85 x 87	2,500 "
" , shape of several inverted plates, 50 x 60	14,000 "
" " " " " " , 53 x 60	500 "
" , saddle type, various sizes	3,000 "
" , pipe shape, from 7 m/m to 35 m/m	1,000 "

<u>At SOC. AN. FERDINANDO D[illegible], Via Serragli 250 R, Florence.</u>

Steel Plates - thickness 5 m/m, 1 sheet	13 Kgs.

<u>At S.A.R.F.A., Via Gaetano Bartolini, 14, Florence.</u>

Steel Rods, round, 20 m/m thickness	2,370 Kgs.

<u>At SOC. IND. CARBURO, Ascoli Piceno.</u>

Steel of all kinds	609 Kgs.
Steel bars for spare parts of machines	4,716 "
Homogeneous round iron, 20 - 32 - 40 m/m	5,858 "
Rails	3,273 "
Aluminium Scraps	146 "
Insulators for 70 Kw	2 Pcs.
Round steel (various diameters)	678 Kgs.
Square Steel " "	326 "
Steel, sheets - m/m 120 - 230 - 100 - 30	5,853 "

Insulators, porcelain, size No. 1 & 3	554 Kg.
" , small size	98 No.

At ARTURO MARTI & FIGLI, Via Alfani 84-86 R, Florence.

Insulators, spool type, sizes 12 x 15 to 45 x 95	10.000 Kg.
" , bell shaped, sizes 40 x 65 to 88 x 180	2,000 "
" , a recchette (between spool type and bell shape), sizes 16 x 17 to 70 x 70	100.000 "
" , knex shape, sizes 42 x 90 to 65 x 87	2,500 "
" , shape of several inverted plates, 50 x 60	16,000 "
" " " " " " , 65 x 60	500 "
" , saddle type, various sizes	3,000 "
" , pipe shape, from 7 m/m to 35 m/m	1,000 "

At SOC. AN. [illegible] ZANOBETTI, Via Pecruoli 220 R. Florence.

Steel Piston - thickness 5 m/m, 1 sheet	13 Kgs.

At S.A.F.A., Via Gaetano Bartolini, 18. Florence.

Steel Bolts, round, 20 m/m thickness	2,370 Kgs.

At SOC. IND. CAMBURO, Agnoli Piero.

Steel of all kinds	645 Kgs.
Steel bars for spare parts of machines	3,716 "
Homogeneous round iron, 25 - 22 - 30 m/m	5,8[illegible] "
Rails	2,[illegible] "
Aluminium Scraps	146 "
Insulators for 70 Kv	2 Pcs.
Round Steel (various diameters)	648 Kgs.
Square Steel " "	508 "
Steel, sphere - m/m 125 - 100 - 80	2,893 "
Iron plates (various sizes.)	52,196 "
Round Iron " "	[illegible] "
Flat iron (sheets)	1,396 "
Round Iron	[illegible] "
Iron sheets	2,453 "
Square Iron	101 "
Angle iron	[illegible] "
U - Iron	963 "
Angle Iron	456 "

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At [illegible] Empoli, Pratolino.

Scrap iron and steel	300 Tons

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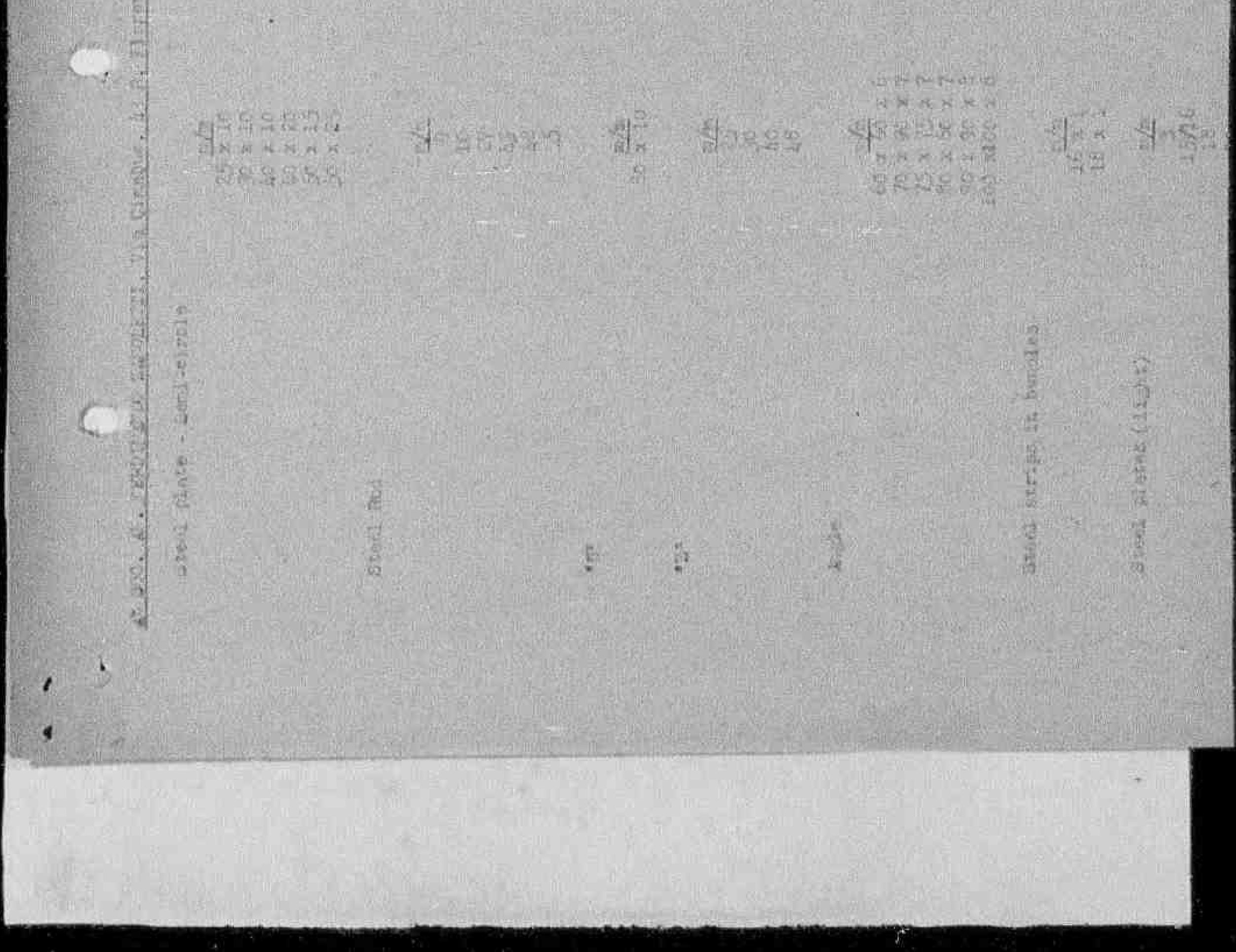

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at Ditt. Ad. FERDINANDO CANCELLI, Via Cimatoe, 43 R, Florence (Cont'd)

Steel strips in bundles (cont'd)

m/m	Kg.	m/m	Kg.
65 x 1.5	50	65 x 4	2,000
65 x 2.5	50	90 x 2	700
70 x 2.5	80	90 x 5	2,000
70 x 4	200	110 x 3	200
70 x 6	63	110 x 4	250
75 x 2.5	700	110 x 5	1,600
75 x 3	1,500	120 x 4	1,000
85 x 2	700	120 x 5	400

Rod bars for reinforcing of cement structures, 16 m/m 1,000 Kgs.

Plate steel, black, various shaped

m/m	Kgs.	m/m	Kgs.
6	30	3/10	100
7	3,335	35/100	1,800
8	97	45/100	400
9	2,805	20/10	100
10	200	35/10	850
12	--		
15	--		

Steel bands, black, in bundles of 50 x 70 and 50 x 100

m/m	Kgs.
25/100	2,500
3/10	10,000
4/10	600
5/10	2,000

Steel bands, lead covered, various shapes, in bundles

m/m	Kgs.
5/10	1,000
6/10	700
55/100	200

Plate steel in strips of various shapes

m/m	Kgs.
4	300
5	600

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At SOCIETA ARMERIA NAZIONALE "BOCCHI", Via Della Rondine, 3, Florence.

Steel Rod (Tools, crude Ah), 2ab b/c — 212 Kgs.

At "ITALTRASPORTI", Piazza .M. Novella, 2, Florence.

2 cases insulators, porcelain — 1,6 Kgs.

At UGETTO GUIDI, Via G. Verdi, 2: R. Prato.

Insulators, electric bell	100 Pcs.	
" , porcelain, Milan trade	2,000 "	
" , " , pipe shape, Al-Si	100 "	
Refractory plates for electric hot plate	20 "	
Electric hot plate	10 "	
Insulator clamps, 2 way, 3 x 20/10	500 "	
" nails	2 kilos	

At DATA LINE, Via Fiesolana, 16 R, Florence.

Insulators, trade mark "Milano"	100 Pcs.
Insulator clamps, 2 wire	70 "
Insulators, tipo mezzaluna	100 "

At CHITI ALVARO, Via V. Cimia, 7 R, Prato.

Insulators, porcelain, Milan trade mark	100 Pcs.
Plugs, female, for flat iron	5 "

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ALLIED FORCE LOCAL RESOURCES SECTION
A.F.H.Q.

Ref: LRS/215

Postal Address:
AFHQ, N.A.C, G.P.O.

30 October 1944.

ALLIED FORCE LOCAL RESOURCES (ITALY) BOARD , 4 NOV Recd

ENGINEERING MATERIALS COMMITTEE - MINUTES

11. The Sixteenth meeting of the Engineering Materials Committee was held at 0930 hrs, Monday 30 OCT 44 in the AFHQ Conference Room, ROME.

P/A only

Present:

Brig. D. L. MORRISON, DW, HQ AAI Chairman.

Representatives of:

C-in-C Med. — OCD (Lt), AFHQ.
A.O — OCD (Br), AFHQ.
CE, AFHQ.
DW, AFHQ.
Tn (Br), AFHQ.
Signal Service (Lt), AFHQ.
Caserta, PEDUSA.
DF, AAI.
ALFSC/MCO.
21st Group, MAP.

12. The Minutes of the Fifteenth meeting were received and approved.

13. No matters arose for discussion out of the minutes of the Board held on 7 OCT 44.

14. The Minutes of the meetings of the Industrial Sector Sub-Committee held on 5 SEP 44 and 13 OCT 44 were received and accepted.

15. Allocations of controlled materials against the unallocated balances from the last meeting were made and the remaining balance was made available to AC. AFHQ were requested to issue the necessary Balance Notes.

16. Allocations of controlled items against the reported availabilities were made and AFHQ were requested to issue the necessary Balance Notes.

17. Steel requirements against the production in DENMARK from the Terni and Elba ... [illegible] ... received, and DF was asked to

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11. The Sixteenth meeting of the Engineering Materials Committee was held at 0930 hrs, Monday 30 OCT 44 in the AFHQ Conference Room, FAIF.

Present:

Brig. D. L. [redacted], DE, NG AAF — Chairman.

Representatives of:

C-in-C Med. — CMD (Lt), AFHQ.
A.C. — CMD (Br), AAFHQ.
CE, AFHQ.
DF, AFHQ.
Tn (Br), AFHQ.
Signal Service (Lt), AFHQ.
Chemons, PCOUSA.
DE, AAI.
AAFSC/MTO.
2nd Group, RAF.

12. The Minutes of the Fifteenth meeting were received and approved.

13. No matters arose for discussion out of the meeting of the Board held on 7 OCT 44.

14. The Minutes of the meetings of the Industrial Gases Sub-Committee held on 5 SEP 44 and 13 OCT 44 were received and accepted.

15. Allocations of controlled materials against the unallocated balances from the last meeting were made and the remaining balance was made available to AC. AFHQ were requested to issue the necessary Release Notes.

16. Allocations of controlled items against the reported availabilities were made and AFHQ were requested to issue the necessary Release Notes.

17. Steel requirements against the production to [redacted] from the Terni Nat. Ilva, [redacted], plants operated by DE AAI, were received, and DF AAF undertook to satisfy all demands on submitted subject to the plant being able to produce the sizes requested.

18. HQ AC were appointed to membership of the Industrial Gases Sub-Committee.

19. CMD (Br) AFHQ undertook to receive requests from the Italian Armed Forces against paint production in the Ordnance Paint Factory.

20. In view of a query as to how the demands on local resources of the Italian Air Force were to be met, the AAF representative undertook to investigate the possibility of building such requirements with those submitted by the RAF. The representative of C-in-C Med stated that demands for the Italian Navy were dealt with through C-in-C Med.

21. AFHQ were requested to furnish a statement to the next meeting on the position regarding Caustic Soda and Soda Ash stocks.

HEADQUARTERS

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P/A

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C-in-C Med. GSO (Lt), AFHQ.
A.C. GSO (Br), AFHQ.
CE, AFHQ.
DW, AFHQ.
Tn (Br), AFHQ.
Signal Service (Lt), AFHQ.
Caserta, FOOTSA.
DW, AAI.
AA/SO/MCO.
21A Group, RAF.

12. The Minutes of the Fifteenth meeting were received and approved.

13. No matters arose for discussion out of the minutes of the Board held on 7 OCT 44.

14. The Minutes of the meetings of the Industrial Users Sub-Committee held on 5 SEP 44 and 13 OCT 44 were received and accepted.

15. Allocations of controlled materials against the unallocated balances from the last meeting were made and the remaining balance was made available to AC. AFHQ were requested to issue the necessary Release Notes.

16. Allocations of controlled items against the reported availabilities were made and AFHQ were requested to issue the necessary Release Notes.

17. Steel requirements against the production in [redacted] from the Terni and Piombino, FOOTSA ANSALDO, plants operated by DW AAI, were received, and [redacted] undertook to satisfy all demands on condition subject to the plants being able to produce the sizes requested.

18. [redacted] AC were appointed to membership of the Industrial Users Sub-Committee.

19. GSO (Br) AFHQ undertook to receive requests from the Italian Armed Forces against paint production in the Bellinzona Paint Factory.

20. In view of a query as to how the increase in local resources of the Italian Air Force were to be met, the MAF representative undertook to investigate the possibility of building such requirements with those considered by the MAF. The representative of C-in-C Med stated that demands for the Italian Navy were dealt with through C-in-C Med.

21. AFHQ were requested to submit a statement to the next meeting on the position regarding Graphic Sods and Sods Ash stocks.

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14 NOV 1944
A. C. C.

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22. As IW AAI now operates all the producing steel-making plants in ITALY, the following revised procedure for casting aims from which Services can agree:-

IW AAI will notify AFHQ monthly, fourteen days prior to the date of the meeting, of the estimated production in tons of plate, sections and sheet at CORNIGLIANO, ILVA (Torre Annunziata), TERNI and O.M.I. This information will be circulated with the Agenda. Services will submit their bulk demands to reach AFHQ 72 hours before the date of the meeting.

Allocation between Services will be made at the meeting and Services will then notify to IW AAI the details of sizes and types, etc, which they require against their allocation. To assist Services in placing demands only for those items being produced, IW AAI will circulate a detailed catalogue of types and sizes of plate and section that can be rolled.

23. It was recommended to the Board that Carbon Disulphide be declared a restricted item and Soda Ash a controlled item.

24. In view of the Italian Government taking over more territory and the shortage of most materials they have requested that certain items which do not at present appear on the controlled and restricted lists should be controlled by them. The Committee agreed to accept the procedure agreed between the Italian Government and AC, namely:-

"In respect of materials under Italian Government control only, the Offici del Commercio and del' Industria must henceforth advise the firms using such controlled materials that duly authorised agents of Allied Armed Forces have the right of enquiring the quantities necessary for their needs. Purchasing orders or similar documents of authority issued by the competent Command must be endorsed beforehand by the Provincial Officer of Commerce and Industry."

The list of items controlled by the Italian Government will be circulated through Command channels.

25. It was decided to insert the word "Tin" before "Bottles & Containers" on the controlled list to clarify the intentions of the Committee.

26. The Seventeenth meeting of the Committee will be held at 0930 hrs, Monday, 27 NOV 44, in the AFHQ Conference Room, 66 Piazza del' Esedra, ROME.

S. J. D. LOUDEN,
Major, DAQMG.

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of the meeting.

Allocation between Services will be made at the meeting and Services will then notify to DW AAI the details of sizes and types, etc, which they require against their allocation. To assist Services in placing demands only for those items being processed, DW AAI will circulate a detailed catalogue of types and sizes of plate and section that can be rolled.

23. It was recommended to the Board that Carbon Disulphide became a restricted item and Soda Ash a controlled item.

24. In view of the Italian Government taking over more territory and the shortage of most materials they have requested that certain items which do not at present appear on the controlled and restricted lists should be controlled by them. The Committee agreed to accept the procedure agreed between the Italian Government and AC, namely:-

"In respect of materials under Italian Government control only, the Office del Commercio and dell' Industria must henceforth advise the firms under such controlled materials that duly authorised agents of Allied Armed Forces have the right of enquiring the quantities necessary for their needs. Purchasing orders or similar documents of authority issued by the competent Control must be endorsed beforehand by the Provincial Office of Commerce and Industry."

The list of items controlled by the Italian Government will be circulated through Control channels.

25. It was decided to insert the word "Tank" before "Battleships & Contractors" on the controlled list to clarify the intentions of the Committee.

26. The Seventeenth meeting of the Committee will be held at 0930 hrs, Monday, 27 NOV 44, in the AFHQ Conference Room, 69 Piazza dell' Esedra, ROME.

S. J. B. LOUDEN,
Major, DA/BC.
Secretary,
Allied Force Local Resources (ITALIAN) Board.

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ALLIED FORCE LOCAL RESOURCES SECTION

REF:- LRS/215

H.Q.A.C.
C.M.F.

18 OCT 44.

21 OCT Recd

ALLIED FORCE HQs. RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - AGENDA.

The sixteenth meeting of the Engineering Materials Committee will be held at 0930 hours on MONDAY, 30 OCT 44 in the Cafeteria Conference Room, HQ ACC, Via Vittorio Veneto, ROME, Ground Floor Rooms Nos 27-28-31 to consider the following agenda:-

1. Minutes of the fifteenth meeting held on 3 OCT 44.

2. To consider any matters arising out of the meeting of the Board held on 7 OCT 44.

3. To consider the minutes of the Industrial Gases Sub-Committee meetings of the 5th SEP 44 and the 13th OCT 44 (Appendices 'A' & 'B' attached).

4. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix 'C') and to release any remaining balance to ACC.

5. To make allocations against reported availabilities of controlled items. (Appendix 'D').

6. To receive from A.F.L.R.S. the consolidated requirements of all services for steel production from the Terni and Ilva plants for the month of DECEMBER. Service requirements to be submitted to AFLRS 72 hours before the time of the meeting.

7. To receive a request from ACC for the addition of the following items to the restricted list:-

(a) Carbon Bisulphide.
(b) Soda Ash.
(c) Asbestos.
(d) Asbestos Cement Materials.

8. Any other business.

9. To set a date for the next meeting.

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at 0930 hours on Sunday, 22 OCT 44 in the Cafeteria Conference Room, HQ ACC, Via Vittorio Veneto, ROME, Ground Floor Annex Pos 27-C-31 to consider the following Agenda:-

1. Minutes of the fifteenth meeting held on 3 OCT 44.

2. To consider any matters arising out of the meeting of the Board held on 7 OCT 44.

3. To consider the minutes of the Industrial Peace Sub-Committee meetings of the 5th SEP 44 and the 13th OCT 44 (Appendices 'A' & 'B' attached).

4. To make allocations of controlled materials against the unallocated balance of items carried forward from the last meeting (Appendix 'C') and to release any remaining balance to AFHQ.

5. To make allocations against reported availabilities of controlled items. (Appendix 'D').

6. To receive from A.F.H.Q.S. the consolidated requirements of all services for steel production from the Terni and Ilva plants for the month of DECEMBER. Service requirements to be submitted to AFHQS 72 hours before the time of the meeting.

7. To receive a request from ACC for the addition of the following items to the restricted list:-

(a) Carbon Bisulphide. (c) Asbestos.
(b) Soda Ash. (d) Asbestos Cement Materials.

8. Any other business.

9. To set a date for the next meeting.

HEADQUARTERS 20 OCT 1944 A. C. C.

S.J.B.LONDON
Captain,
Secretary,
Allied Force Local Resources (Italian) Board.

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SJBL/rgf

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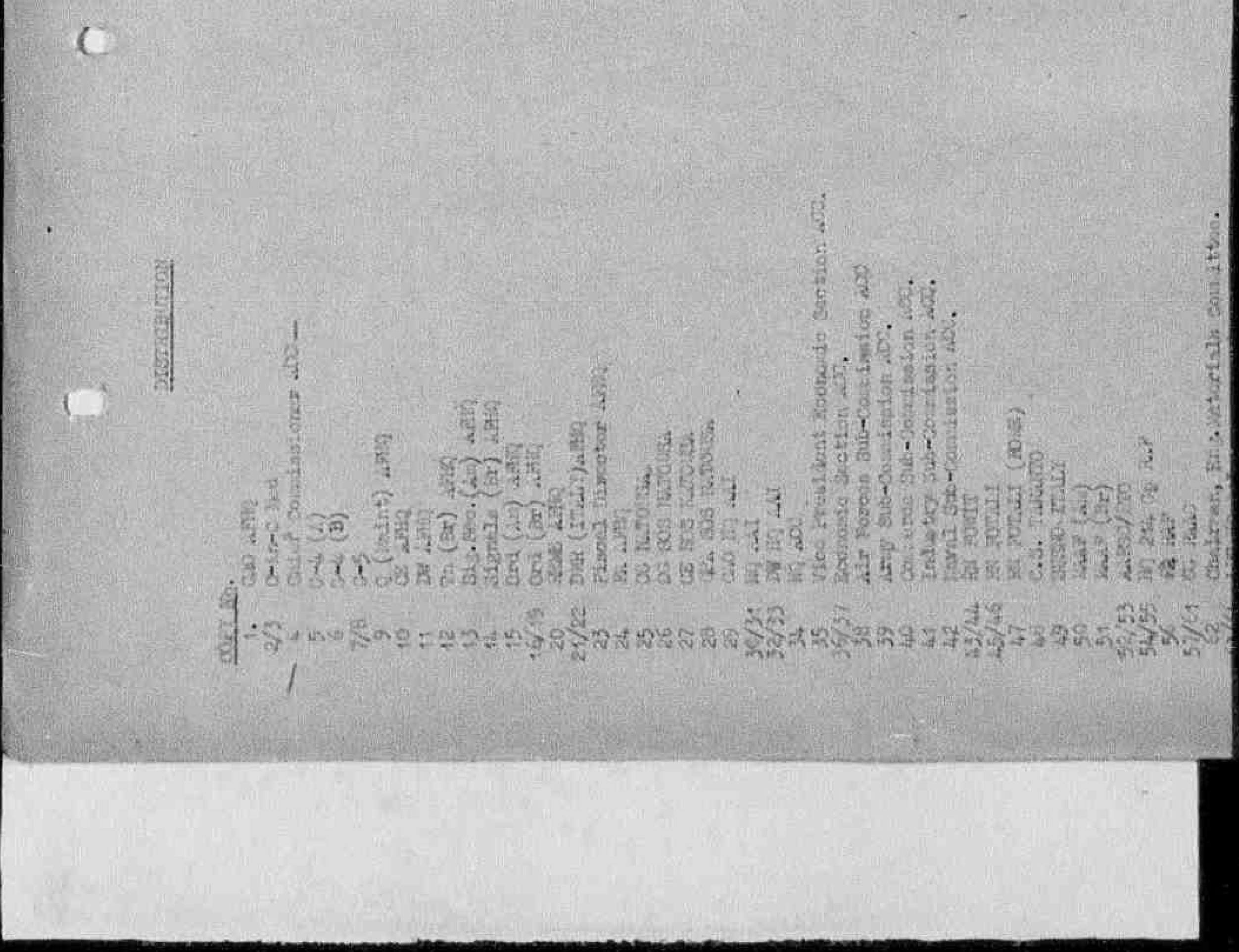

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R-1

ALLIED FORCE HEAD QUARTERS (MILITARY) [illegible]

ENGINEERING MATERIALS COMMITTEE

Minutes of Industrial Cases Sub-Committee

1. A meeting of the Sub-Committee was held at HQ. AAI at 14.30 hrs on Tuesday, 5th September 1944.

Present:

Major R.M.F.Burgess	Ord (Ar) Chairman
Major Dowson	AAFSC/MIC
Lt.S.S.Schultz	AAFSC/MPO
S/Ldr.A.E.Morello	R.A.F.

Royal Navy and F.S.S. representatives were obliged to return to their H.Qs. after the meeting of the Engineering Materials Committee held at 10.30 hrs but informed the Chairman that they had no points to raise for discussion at this Sub-Committee meeting.

Lt.Col.A.E.Glendinning (Dir. HQ. AAI) and Major D.S.R.Mayson (OC 9A Compressed Gases Depot SAAC) also attended the meeting.

2. The Chairman stated that in view of the changed role of HQ. AAI and the fact that no ruling had been received concerning the future activities of Local Resources Section this would be the last meeting of the sub-committee as originally constituted.

3. The Chairman also stated that Lt.Col.Glendinning and Major Mayson had been invited to attend the meeting in view of the fact that S.W., A.A.I. had assumed responsibility for the production of industrial gases previously undertaken by Ord (Br) and Major Mayson's unit had come to the theatre to operate plants previously operated under the supervision of Ordnance personnel.

4. It was agreed that no change could be recommended in the existing allocation to Services of the output of gases from civilian plants.

5. AAFSC/MPO and RAF representatives raised the question of the erection of an oxygen producing plant in the Fogia area and the Chairman stated that in reply to an enquiry from AAFSC/MPO on this subject he had replied to the effect that the undertaking by a British Army unit of a project of this nature would require Staff approval and application for any assistance required must therefore be submitted through Staff channels. (Copies of relative correspondence are circulated with these Minutes).

6. AAFSC/MPO and RAF representatives confirmed that they were now interested only in the erection of the smaller of the two plants originally under consideration. This plant, if erected should provide a monthly output of 3,750,000 cu.ft. of which 1,250,000 cu.ft. would provide for RAF requirements and the balance of 2,500,000 cu.ft. would enable AAFSC to take out of action certain of their mobile plants which they wished to earmark for employment in other theatres.

7. AAFSC also stated that in view of changes in the operational picture they would be compelled to continue to draw oxygen from plants in the Naples area for [illegible] after the erection of a plant in the

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Sub-Committee meeting.

Lt.Col.A.N.Clerdiming (AEW. HQ. AAI) and Major D.F.R.Haynes (OC 94 Compressor Depot SAEC) also attended the meeting.

2. The Chairman stated that in view of the changed role of HQ AAI and the fact that no ruling had been received concerning the future activities of local executive function this would be the last meeting of the sub-committee as originally constituted.

3. The Chairman also stated that Lt.Col.Clendiming and Major Haynes had been invited to attend the meeting in view of the fact that D.W., A.A.I. had assumed responsibility for the production of industrial gases previously undertaken by ORI (Bari) and Major Haynes's unit had come to the theatre to operate plants previously operated under the supervision of Ordnance personnel.

4. It was agreed that no change could be recommended in the existing allocation to Services of the output of gases from civilian plants.

5. AAPSC/MTO and RAF representatives raised the question of the erection of an oxygen producing plant in the Foggia area and the Chairman stated that in reply to an enquiry from AAPSC/MTO on this subject he had replied to the effect that the undertaking by a British army unit of a project of that nature would require Staff approval and application for any assistance required must therefore be submitted through Staff channels. (Copies of relative correspondence are circulated with these Minutes).

6. AAPSC/MTO and RAF representatives confirmed that they were now interested only in the erection of the smaller of the two plants originally under consideration. This plant, if erected should provide a monthly output of 3,750,000 cu.ft. of which 1,250,000 cu.ft. would provide for RAF requirements and the balance of 2,500,000 cu.ft. would enable AAPSC to take out of action certain of their mobile Plants which they wished to convert for employment in other theatres.

7. AAPSC also stated that in view of changes in the operational picture they would be compelled to continue to draw oxygen from plants in the Naples area for consumption by their formations in East Italy after the erection of a plant in the Foggia area in order that the maximum number of mobile plants might be made available for employment in other theatres.

8. AAPSC and RAF stated that the provision of a plant in the Foggia area would enable them to reduce their demands on the Taranto plant for the benefit of the Royal Navy.

9. Major Haynes stated that for the erection of a plant at Foggia 4 oxygen compressors of the type used with RAF mobile plants would be required. RAF undertook to ascertain the availability of these compressors.

10. AAPSC stated that a further oxygen compressor had been located at Terni and requested that this be released to them as a "stand-by" for their S.I.C. (2) plant in Naples.

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11. It was considered that release of a compressor for use as a stand by could not be supported in view of the need for compressors for reconditioning plants in forward areas. Major Hayton agreed to examine the compressor in question in order to ascertain its potential value.

12. Major Hayton stated that during a visit to the SAMMICHI nitrogen plant in Naples he had observed two Pigneti air compressors lying idle and asked if release of one of these could be arranged for use by him in rehabilitating wrecked plants.

13. AMPOC stated that one of these air compressors was required by them for the ILVA plant. Release of the second could be arranged upon application to D.W., A.A.I. to Local Procurement Officer, Engineer Section, P.B.S.

14. Major Hayton reported that the DE MICHELE oxygen plant had been located in the Florence area and was under examination by 7j CRE (13 Corps). The position with regard to control of this plant was not known.

15. It was agreed that D.W., A.A.I. should contact CE. 13 Corps in order to clarify this point and recorded that personnel of 9th OGD would be provided to operate the plant for the mutual benefit of British and American units within Fifth Army.

16. [illegible] it the renewal to Terni of the acetylene plant previously erected in [illegible] works by British Engineers would affect the availability of acetylene [illegible] for 15 A.A.

[illegible] the C.M.I. plant was adequate to provide 160 cylinders [illegible] requirements in the Naples area (including their [illegible] exceed 60 cylinders per day.

18. [illegible] raised that the availability to other services of the balance [illegible] (70) was dependent solely upon the organised [illegible] undertook to investigate this point and [illegible] in conjunction with Eng. Sec. CMF.

19. Major Hayton reported that efforts would be made to rehabilitate an oxygen [illegible] and that a new acetylene plant was being built [illegible] with 60 KGW (Castellammare) for erection in the [illegible] period when any new plants were ready to operate.

20. No further points were raised for discussion.

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[redacted] stated that during a visit to the Naccarri nitrogen plant in Naples he had observed two Pigroni air compressors lying idle and asked if release of one of these could be arranged for use by him in rehabilitating wrecked plants.

13. [redacted] stated that one of these air compressors was required by them for the ILVA plant. Release of the second could be arranged upon application to D.W., A.A.I. to Local Procurement Officer, Engineer Section, P.B.S.

14. [redacted] reported that the AE KUTTER oxygen plant had been located in the [redacted] area and was under examination by 7j Bde (13 Corps). The position with regard to control of this plant was not known.

15. It was agreed that D.W., A.A.I. should contact GS. 13 Corps in order to clarify this [redacted] and requested that personnel of 9L OGD could be provided to operate the plant for the mutual benefit of British and American units within Fifth Army.

16. [redacted] if the removal to Terni of the acetylene plant previously erected in [redacted] works by British Engineers would effect the availability of acetylene required for 13 A.A.

[redacted] the C.T.I. plant was adequate to provide 150 cylinders [redacted] requirements in the Naples area (including their [redacted] exceed 60 cylinders per day.

18. [redacted] agreed that the availability to other services of the balance of [redacted] (Br) was dependent solely upon the organised [redacted] undertook to investigate this point and to [redacted] in conjunction with Eng.Gen.Pubs.

19. [redacted] stated that efforts would be made to rehabilitate an oxygen [redacted] and that a new acetylene plant was being built [redacted] oxygen with CC and (Castellammare) for erection in the [redacted] hoped when any new plants were ready to operate.

20. [redacted] for discussion.

(Sgd) [redacted], Major.
Chairman.

Industrial Gases Sub-Committee.
Engineering Materials Committee.
ALLIED FORCE HEAD [redacted] (ITALY) MCAFO.

[redacted] Board.
[redacted].

[redacted]

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CONFIDENTIAL

-1/2D-23

HEADQUARTERS
AFHQ AIR FORCE SERVICE COMMAND
MEDITERRANEAN THEATER OF OPERATIONS

APO 512

21 August 1944

SUBJECT : Erection of Oxygen Plant.

TO : Commanding General, DEOS, Allied Armies in Italy, APO 464
(Attn: Allied Force Local Resources (Italian) Board,
Engineering Materials Committee, Industrial Gases
Sub-Committee)

1. A short time ago this Headquarters was approached by Major Gayton, British Oxygen Officer regarding the possible erection of either of two oxygen plants in the Foggia area.

a. One plant capable of producing 10,000,000 cubic feet of breathing oxygen per month.

b. The plant capable of producing 3,750,000 cubic feet of breathing oxygen per month.

The plant to be erected in approximately six (6) weeks and operated by trained British personnel.

2. This Headquarters was further advised that the maximum monthly AAF requirements would be 1,000,000 cubic feet of breathing oxygen per month and further that the balance of the monthly production would be available to the AAF.

3. If power and water is available in sufficient quantities in the Foggia area this Headquarters recommends the erection of the oxygen plant which is capable of producing 10,000,000 cubic feet of breathing oxygen per month. The assignment of all or part of this output to AAF would reduce the transportation of considerable quantities of oxygen cylinders and should solve the oxygen supply problem in Italy.

For the Commanding General:

Signed: [illegible]
Lt.Col., A.G.D.,
Adjutant General.

cc: Lt.Col.Robert Brooks, AAF Liaison
Officer, Asst. Administrative Advisor,
APO 400.

cc: Lt.Col.Carlburg, Service Div., AAFSC/MTO

(Attn: Allied Force Headquarters, Industrial Gases
Engineering Materials Committee, Industrial Gases
Sub-Committee)

1. A short time ago this Headquarters was approached by Major Hayden, British Oxygen Officer regarding the possible erection of either of two oxygen plants in the Naples area.

a. One plant capable of producing 10,000,000 cubic feet of breathing oxygen per month.

b. One plant capable of producing 3,750,000 cubic feet of breathing oxygen per month.

The plant to be erected in approximately six (6) weeks and operated by trained British personnel.

2. This Headquarters was further advised that the maximum monthly AAF requirements would be 1,000,000 cubic feet of breathing oxygen per month and further that the balance of the monthly production would be available to the AAF.

3. If power and water is available in sufficient quantities in the Naples area this Headquarters recommends the erection of the oxygen plant which is capable of producing 10,000,000 cubic feet of breathing oxygen per month. The erection of all or part of this output to AAF would reduce the transportation of considerable quantities of oxygen cylinders and should solve the oxygen supply problem in Italy.

For the Commanding General:

Signed: A.F.DuEL
Lt.Col., A.G.D.,
Adjutant General.

cc: Lt.Col.Robert Brooke, AAF Liaison Officer, AAI, Administrative Echelon, APO 400.

cc: Lt.Col.Carlburg, Services Div., AAFSC/MTO

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C O P Y

SUBJECT: Erection of Oxygen Plant.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE

Industrial Gases Sub-Committee

HQ Allied Armies in Italy
Ref: 222) (57)

30 August 1944

Commanding General
Army Air Force Service Command
Mediterranean Theatre of Operations

Ref your O-12D-23 of 24 Aug.

1. The production of industrial gases for the requirements of the British Army is in the hands of the Director of Works, HQ AAI who controls the activities of the unit commanded by Major Reynoso.

2. The extent to which the Director of Works can assist AAFSC in erecting an oxygen producing plant at Foggia without prejudice to the work involved in producing industrial gases for the British Army is not known by the Industrial Gases Sub-Committee.

3. In the circumstances it is suggested that if assistance is required by you your application should be submitted through normal Staff channels to the Chief Administrative Officer, Headquarters, Allied Armies in Italy, for his consideration.

Signed: R.H.J.BURGESS, Major.
Chairman.
Industrial Gases Sub-Committee
Engineering Materials Committee.
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

RHJB/MS

Copies to: Q(AE) HQ AAI
Director of Works, HQ AAI
Local Resources Section HQ AAI

2047

30 August 1944

Commanding General
Army Air Force Service Command
Mediterranean Theatre of Operations

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Signed: R.H.J.BURGESS, Major.
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Industrial Gases Sub-Committee
Engineering Materials Committee.
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

RHJB/MS

Copies to: Q(AE) HQ AAI
Director of Works, HQ AAI
Local Resources Section HQ AAI

2047

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B 15

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD
SUB-COMMITTEE ON INDUSTRIAL GASES

INDUSTRIAL GASES SUB-COMMITTEE - MINUTES

15 Oct 44.

1. A meeting of this Sub-Committee was held at Allied Force Local Resources Section Conference Room at 1630 hrs. on Friday 13 Oct 44.

2. Present:

Brig. A.A.Curry.	Chief of Section (Ir), AFLRS.
Capt. H.Reynolds, R.N.	C-in-C, Med.
Commander L.H.Phillips, R.N.	C-in-C, Med.
Maj. Harry Dawson, A.C.	AASC/MTO.
Capt. A.G.F.Mayer, R.A.	DH, AFHQ.
Lieut. H.E.Bedley.	7th CAOASLEC.
Lieut. Geo. S.Schultz, A.C.	AASC/MTO.
Maj. J.H.Parsons.	Ord (Ir), AFHQ.
F/Lt. Snyder, J.	214 Gp. RAF.
Lieut. Wm.	Navy Sub-Commission.
S/L. J.Walton.	Air Forces Sub-Commission.
Maj. R.E.Mac Donald, C.E.	Engr. Sect. PBS. CHAIRMAN.

3. The Chairman stated that the meeting was called for the purpose of re-examining the production figures of plants now in Allied occupied territory, and to receive requirements for oxygen and acetylene from all interested Services.

4. The meeting was attended by the Chief of Section (Ir), AFLRS, for the purpose of bringing to the attention of the Committee the necessity of making available to the Italian Navy and Air forces their requirements as requested by their respective ACC Sub-Commissions.

5. PBS undertook to supply the demand of 27,540 cu. ft. required by the Italian Air Force on the delivery of empty cylinders to the S.O.N. plant at Naples.
Ordnance British undertook to supply the demand of 5,400 cu. ft. of acetylene required by the Navy and Air Force (Italian).

6. Service requirements of oxygen and acetylene, together with production reports from plants under control of Allied Forces were then considered. (See Appendix "A").

7. AASC/MTO stated the requirement of 10,350,000 cu. ft. of breathing oxygen was being met in part by the use of army mobile plants from which they received 7,000,000 cu.ft. per month, 3,350,000 c. ft. being required from commercial plants.

2046

8. The total production of Allied Controlled plants (Appendix "A") in the

Capt. H.Reynolds, R.N.	C-in-C, Med.
Commander L.H.Phillips, R.N.	C-in-C, Med.
Maj. Harry Dawson, A.C.	AAPSC/MTO.
Capt. A.G.P.Davey, R.E.	DD, AFHQ.
Lieut. H.P.Bailey.	PW OO/FABC.
Lieut. Geo. E.Schultz, A.C.	AAFRS/MTO.
Maj. J.R.Parsons.	Cml (Sr), AFHQ.
W/Lt. Aspden, J.	214 Gp. RAF.
Lieut. Min.	Navy Sub-Commission.
G/I. J.Walton.	Air Forces Sub-Commission.
Maj. R.E.Mac Donald, C.E.	Engr. Sect. PBS. CHAIRMAN.

3. The Chairman stated that the meeting was called for the purpose of re-examining the production figures of plants now in Allied occupied territory, and to receive requirements for oxygen and acetylene from all interested Services.

4. The meeting was attended by the Chief of Section (Sr), AFHQ, for the purpose of bringing to the attention of the Committee the necessity of making available to the Italian Navy and Air Forces their requirements as requested by their respective ACC sub-Commissions.

5. ERC undertook to supply the amount of 27,500 cu. ft. required by the Italian Air Force on the delivery of empty cylinders to the S.C.N. plant at Naples.
Ordnance British undertook to supply the amount of 6,000 cu. ft. of acetylene required by the Navy and Air Force (Italian).

6. Service requirements of oxygen and acetylene, together with production reports from plants under control of Allied Forces were then considered. (See Appendix "A").

7. AAFSC/MTO stated the requirement of 10,350,000 cu. ft. of breathing oxygen was being met in part by the use of Army mobile plants from which they received 7,000,000 cu.ft. per month. 3,350,000 cu. ft. being required from commercial plants.

2046

8. The total production of Allied Controlled plants (Appendix "A") is set forth as 10,525,000 cu.ft against a requirement of 8,252,000 cu. ft. per month after deduction of Army mobile plants, leaving a surplus of 2,273,000 cu. ft.

9. This surplus was not considered by the Committee as it was pointed out that plant repairs due on plants which have been operating for six months or more would cut this surplus to an indeterminate amount, and it was recommended that Army requirements for this surplus should be admitted to the various operating plants before allocations were made.

10. The AAFSC/MTO undertook to supply the Royal Navy a minimum amount of 300,000 cu. ft. from the Naples area in order to meet increased requirements in Naples.

11. Ordnance (Sr) made a request that the production of the oxygen plant in Florence be divided on a 50/50 basis. No action was taken as the plant in question is in Army territory and is being allocated by 5th Army.

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12. Methods to increase the production of acetylene were discussed in order to meet deficiencies in acetylene requirements. No solution was found except that all Services were urged to make the maximum use of low pressure generators for static installations.

13. The shortage of both oxygen and acetylene cylinders was confirmed by all Services and it was recommended that increased efforts be made to locate all unused Italian cylinders and to urge all Army using Services to report any surplus empty cylinders.

14. It was further noted that many damaged cylinders are on hand for lack of spare parts. The Royal Navy suggested that it was possible to manufacture these spare parts, and undertook to report on the possibility of producing these parts in plants controlled by the Royal Navy.

15. Conclusions.

(a) All oxygen requirements could be met from present production.

(b) Acetylene production is not sufficient to meet requirements but it is being covered in part by the use of acetylene low pressure generators.

(c) The DW, AFHQ proposed that a representative of a gas generating company be made a member of the committee for the purpose of furnishing technical advice. The committee accepted the proposal.

R.E.MAC INNALLY. Major C.E.
Chairman,
Industrial Gases Sub-Committee
Engineering Materials Committee.

APPENDIX "A"

WEST ITALY

	Requirements.		Production.	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy.	375,000		75,000	300,000
Gr. (British)	2,000,000	1,000,000	5,900,000	700,000
FEF.	2,500,000	800,000	1,400,000	800,000
AAFSO.	10,350,000		2,750,000	
Navy Sub Comm Italian.		6,000		
Air Force.	27,500	20,000		
TOTAL	15,252,500	2,526,000	10,525,000	1,800,000

+ 7,000,000 cu.ft. produced by mobile plants.

EAST ITALY

	Requirements.		Production.	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy.	500,000	160,000	700,000	250,000

(b) Acetylene production is not sufficient to meet requirements but it is being covered in part by the use of acetylene low pressure generators.

(c) The SW. AFHQ proposed that a representative of a gas generating company be made a member of the committee for the purpose of furnishing technical advice. The committee accepted the proposal.

R.E.MACDONALD, Major C.E.
Chairman,
Industrial Gases Sub-Committee
Engineering Materials Committee.

APPENDIX "A"

WAR YEAR

	Requirements.		Production.	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy.	575,000		75,000	300,000
Civil (British)	2,000,000	1,600,000	5,500,000	700,000
PRS.	2,500,000	300,000	1,800,000	800,000
AAFSC.	+ 10,350,000		2,750,000	
Navy Sub Comm Italian.		6,500		
Air Force.	27,500	20,000		
TOTAL	15,252,500	2,826,500	10,525,000	1,800,000

+ 7,000,000 cu.ft. produced by mobile plants.

POST WAR

	Requirements.		Production.	
	Oxygen.	Acetylene.	Oxygen.	Acetylene.
Royal Navy.	500,000	140,000	700,000	250,000
Civil (British)	750,000	375,000	600,000	325,000
PRS.				200,000
U.S. AAFSC.				
RAF.	300,000			
TOTAL	1,550,000	525,000	1,300,000	925,000

DISTRIBUTION:

1. C-in-C Med.
2. PM, AFHQ.
3. Civil (Br), AFHQ.
4. AAFSC/CSU.
5. 21st Gp. RAF.
6. AFHQ, Rome.
7. Air Force Sub-Commission ACC.
8. Navy Sub-Commission, ACC.
9. PR (Washington).
10. Engineer Section, CCS.
11. File.
12/30. Spares.

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Appendix C

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Unallocated balance of Materials from Meeting of 3 Oct 44

At Sec, TERNI, TERNI, under control of DW, AAI.

Steel Plate:	mm 160 x 60	1,400 Kgs.
Steel Rounds:	mm 150	700 Kgs.

At ILVA, TORRE ANNUNZIATA, under control of CE, MBS.

Mild Steel Flat Bars:

Size in mm	Length in feet	Number of bars
150 x 8	18	35
150 x 8	24	7
150 x 22	21	3
150 x 30	15	6

At SIDERURGICA COMMERCIALE V. REG., FIERA, 50 Roma, under control of ACC.

Joists: 150 mm

2 small pieces	52 Kgs

160 mm

11 small pieces	200
13 joists - 4.25 metres	95
12 " 4.50 "	72
1 " 4.75 "	25
14 " 5.0 "	767
1 " 4.50 "	66
6 " 7.65 "	475
2 " 8.0	165

180 mm

31 small pieces	1,916
3 joists - 8 metres	334

220 mm

2 small pieces	85
4 small pieces	164

240 mm

16 small pieces	1,189

Joists:

300 mm

3 small pieces	136 Kg

320 mm

3 small pieces	432

340 mm

5 joists various sizes	1,683

360 mm

12 joists var. sizes	6,100

380 mm

4 small pieces	139
4 joists various sizes	1,088

500 mm

2 small pieces	203
1 joist - 12 metres	1,018

Steel Channels:	mm 200 x 75 x 8	200 Kgs.
	220 x 80 x 9	309
Electrical conduit tubing, enamelled		944 Kgs.

2045

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At ELETTROMECCANICA COMMERCIALE V. Mgo. FILZI, 20 Rome, under control of ACC.

Joists: 150 mm
9 small pieces — 52 Kgs

160 mm
11 small pieces — 200
13 joists - 4.25 metres — 95
12 " 4.50 " — 72
1 " 4.75 " — 35
14 " 5.0 " — 767
1 " 6.50 " — 66
6 " 7.25 " — 475
2 " 8.0 — 165

180 mm
31 small pieces — 1,916
3 joists - 8 metres — 534

220 mm
2 small pieces — 85
4 small pieces — 164

240 mm
16 small pieces — 1,129

Joists:
300 mm
3 small pieces — 126 Kg

320 mm
3 small pieces — 432

340 mm
5 joists various sizes — 1,683

360 mm
12 joists var. sizes — 6,100

380 mm
4 small pieces — 189
4 joists various sizes — 1,988

500 mm
2 small pieces — 203
1 joist - 12 metres — 1,016

Steel Channels: mm 200 x 75 x 8 — 200 Kgs.
220 x 80 x 9 — 309

2045

Electrical conduit tubing, enamelled — 944 Kgs.
Thin iron wire — 434
Hexagonal thin iron wire — 5,843
Flat thin iron wire — 5,424

At INDUSTRIA PRODOTTI SIDERURGICA, Rome under control of ACC.

Iron wire in coils — various diameters — 5,500 Kgs.

At Mg. Ruggero di Gaeta, Via Fornovo 42, Rome under control ACC.

Steel tempered tape for tongs (var. sizes) — 160 Kgs.
Harmonic steel wire round, 0.3 mm to 8 mm — 400
Harmonic extra steel wire, 0.25 mm to 8 mm — 1,100

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At ROC. FERRAMENTA C. CA[illegible]I & CC., Via Arenula 21 Rome, [illegible]er control of ACC.

Galvanized iron wire:	Diam m/m	
	2	9,300 metres
	3	1,345
	4	2,305
	5	3,917
	6	1,160
	7	1,439
	8	803
	9	700
	10	715

Galvanized steel wire:	Diam m/m	
	2	800 metres
	3	1,890
	4	7,892
	5	10,874
	13	790
	14	716
	15	400
	16	224

Assorted Galvanized iron wire	1,450 Kgs
" Tempered iron wire	6,750
" Bright iron wire	5,240
" Steel wire for bongs in spools	3,970
Harmonic steel wire, 0.2 mm to 4 mm	550

At SPOLETIFICIO M. ESTRICATO, Via Flaminia, Rome under control of ACC Army Sub-Commission

Ordinary wire		1,400 Kgs.
Black Copper wire	single strand	29,500 Metres

At SOC. DI ROCCO ROMANI, Via Portuense 253, Rome under control of ACC.

Iron wire	1.5 mm to 4 mm	2 tons
Tempered iron wire	2 mm to 5 mm	2 tons

At A.S.E.A. GIANICOLO (near Garibaldi Monument) Rome, under control of ACC.

Cast Iron Pipes:	450 mm diam - 4 m. long	1 piece
	400 " " - 4 m. long	28 pieces
Steel Pipes	457 mm diam - 4 m. long	1 piece

At SOC. ROMANA COSTRUZIONI MECCANICHE, Via Flavia, Rome under control of ACC.

Harmonic Steel Wire	150

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	13	790
	14	716
	15	430
	16	224

Assorted Galvanized iron wire	1,460 Kgs
" Tempered iron wire	6,750
" Bright iron wire	6,240
" Steel wire for torge in spools	3,890
Harmonic steel wire, 0.2 mm to 4 mm	550

At STABILIMENTO M. PERUCCO, Via Flaminia, Rome under control of ACC Army Sub-Commission

Ordinary wire		1,400 Kgs.
Black Copper wire	single strand	29,500 Metres

At SOC. "N ROCCO ROMANI, Via Portuense 299, Rome under control of ACC.

Iron wire	1.5 mm to 2 mm	2 tons
Tempered iron wire	2 mm to 5 mm	2 tons

At A.G.I.A. GIANICOLO (near Garibaldi Monument) Rome) under control of ACC.

Cast Iron Pipes:	450 mm diam - 4 m. long	1 piece
	100 " " - 4 m. long	28 pieces
Steel Pipes	450 mm diam - 4 m. long	1 piece

At SOC. ROMANA COSTRUZIONI MECCANICHE, Via Flavia, Rome under control of ACC.

Harmonic Steel Wire	150 Kgs

2044

At GIOVANNI ROLLA, Via Partenope 3, Rome, under control of ACC.

Lead Scrap	4.1 tons

At Redirot, Piazza Poli 37, Rome, under control of ACC.

Scrap Lead	600 Kgs.
Brass Scrap	23 tons

At GIOVANNI ROLLA, Via Bellamontana 33, Rome, under control of ACC.

Lead Scrap	8,500 lbs
Brass Scraps	25 tons

At FRANCESCO CIAMPINE, Via Ufficio del Vicario 14, Rome, under control of ACC.

Lead Scrap	2 tons

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at [illegible] FABBRICA AC[illegible] ELMOTTI, Via Po 10, Rome, under control of ACC.

Lead Scrap — 6 tons

At SOC. AN FIRENZE-VICA CASTELLI, Via Foscolo 8 Pisa, under control of ACC.

Lead Scrap — 15 tons

At Mpnte Amiata S.A., Via Reg. Elena 47, Rome, under control of ACC.

Carbide — 6,800 Kgs.

At FERROVIA PISANESE, Via Pignato 97, Rome, under control of Acc.

Tar Varnishes — 1,000 Kgs.

At S.A. STOA MIN. del SIELE, Santa Fiora, Grosseto, under control of ACC.

Iron Tocin — 15 tons

at Ditta ZANOLETTI, Piazza San Lorenzo, Florence, under control of ACC.

Lead — 303 Kgs.

At Carlo F. ZANOLETTI, Via Cimabue 43, Florence, under control of ACC.

Cables & Wire — 1,658 Kgs.
Lead — 1,195 Kgs.

at F.LLI F. ZANOLETTI, Via Sherrugli 230, Florence, under control of ACC.

Cables & Wire — 117 Kgs.

At [illegible] PEGORINO, Via dei Fuochi 13, Florence, under control of ACC.

Cables & Wire — 75 Kgs.

At FRATELLI [illegible], Borgo di Greci 5, Florence, under control of ACC.

Cables & Wire — 500 Kgs.

at DITTA STUCCI ANGELO, Via dell'Anguillara 13, Florence, under control of ACC.

Cables & Wire — 500 Kgs.

at FERRAMENTA GIGLIOTTI, Borgo S. Croce 8, Florence, under control of ACC.

Cables & Wire — 6,200 Kgs.

at DITTA MANIFATTURE, Borgo SS Apostoli 6-16, Florence, under control of ACC.

Cables & Wire — 9,413

15 tons

Iron Tools

At Ditta ZANOBINI, Piazza San Lorenzo, Florence, under control of ACC.

303 Kgs.

Lead

At DITTA F. ZANOLETTI, Via Cimabue 4d, Florence, under control of ACC.

1,656 Kgs.
1,195 Kgs.

Cables & Wire
Lead

At DITTA F. ZANOLETTI, Via Sarrocli 3/0, Florence, under control of ACC.

117 Kgs.

Cables & Wire

At ENZO PEGNOCCO, Via dei Fosci 13, Florence, under control of ACC.

70 Kgs.

Cables & Wire

At FRATELLI NATALE, Borgo di Greci 5, Florence, under control of ACC.

500 Kgs.

Cables & Wire

At DITTA ETTORE ADDICO, Via dell'Anguillara 17, Florence, under control of ACC.

900 Kgs.

Cables & Wire

At FERRAMENTA CORLANDI, Borgo S. Croce 8, Florence, under control of ACC.

6,200 Kgs.

Cables & Wires

At DITTA MANNI GUIDETTI, Borgo SS Apostoli 6-16, Florence, under control of ACC.

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Cables & Wire

At DITTA L. PECORINI, Via S. Zanobi 35, Florence under control of ACC.

50 Kgs.

Nickel

At DITTA DI CESARE, Via V. Emanuele 3, Siena, under control of ACC.

100 Kgs.

Calcium Carbide

At A.F.S.I., Via del Giglio 4, Florence, under control of AMG, 5th Army.

8a
300 Kgs.

Motors
Wire & Cables

At SIGNOR MORI, Via Cioberti 6b, Florence, under control of ACC 5th Army.

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Transformers

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At GRAZI EZIO, Via Orivol 47, Florence, under control of . 5th Army.

Copper and aluminium conductors	5,964
Electric light fittings	300 Mt.
Switch gear	40
Wire Cables	200 Mt.

At LEVI CARLO, Via G. Marconi 26, Florence, under control of AMG 5th Army.

Electric light bulbs	50
Switch gear	270
Wire and Cables	468 Mt.

At GOTTI RUGGERO, Viale Principessa Clotilde 5, Florence, under control AMG, 5th Army.

Electric light bulbs	86
Electric light fittings	24 pcs.
Switch gear	80
Wire & cables	100 Mt.

At PIACOLLI, Via Vigna Nuova, 45r, Florence, under control of AMG 5th Army.

Electric light fittings	1,060 Mt.
Switch gear	50
Wire & cables	18,822

At BAROTTI C., Via Chiselline 75, Florence, under control of AMG 5th Army.

Electric light fittings	215 Mt.
Wire & cables	16 Mt.

at BADDI L., Via Anguillara 24r, Florence, under control of AMG 5th Army.

Electric light fittings	69
Switch gear	20
	5

At A.M.I.T., Via Cavour 89, Florence, under control of AMG 5th Army.

Electric light fittings	2,450 Mt.
Switch gear	14

At GONNINI GUIDO, Via 27 Aprile 11, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	30 metres
Electric light fittings	50 pieces
Wire & Cables	2,458 metres
	250

At SABATINI G., Via dei Conti 16, Florence, under control of AMG 5th Army.

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Wire & cables 100 Mt.

At PIAZOLLI, Via Vigna Nuova, 65r, Florence, under control of AMG 5th Army.

Electric light fittings	1,000 Mt.
Switch gear	50
Wire & cables	18,822

At BARDTTI C., Via Ghibellina 75, Florence, under control of AMG 5th Army.

Electric light fittings	215 Mt.
Wire & cables	16 Mt.

At BACCI L., Via Anguillera 2&r, Florence, under control of AMG 5th Army.

Electric light fittings	69
Switch gear	30
	5

At A.M.I.I., Via Cavour 89, Florence, under control of AMG 5th Army.

Electric light fittings	2,450 Mt.
Switch gear	14

At CONCHDI GUIDO, Via 27 Aprile 11, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	30 metres
Electric light fittings	50 pieces
Wire & Cables	2,450 metres
	250

At SABATINI G., Via dei Conti 16, Florence, under control of AMG 5th Army.

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Accumulators	60
Electric light bulbs	275 pcs.
Electric light fittings	110
Switch gear	1,100 metres
Wire & Cables	

At A. TORZUOLI, Via Cimatori, 10, Florence, under control of AMG 5th Army.

Electric light fittings	185 pcs.
Switch gear	110
Wire & Cables	1,300 metres

At A.E.S., Via del Proconsolo 15, Florence, under control of AMG 5th Army.

Electric light bulbs	304
Electric light fittings	3,145
Motors	6
Switch gear	366
Wire & Cables	955 metres

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At MORTON, Via Brunelleschi 2, Florence, under control of AMG 5th Army.

Electric light bulbs	300
Electric light fittings	2,560 metres
Motors	7
Switch gear	150
Wire & Cables	100 metres

At DOLFI & GIOVANNINI, Via del Pucci 5, Florence, under control of AMG 5th Army.

Batteries	49
Wire & Cables	2,200 metres

At S.A.C.A.E.R., Via del Cerchi 2, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	1,425 metres
Electric light fittings	920
Switch gear	142
Transformers	35
Wire & Cables	1,643

At BARUCCI & C., Via Faenza 19, Florence, under control of AMG 5th Army.

Electric light fittings	116 metres
Switch gear	25

At MASINI CESARE, Via Bufalini 13, Florence, under control of AMG 5th Army.

Electric light fittings	1,700 metres
Wire & Cables	250

At PIERINI DINO, Via Cavour 85, Florence, under control of AMG 5th Army.

Wire & Cables	33,000 metres

At SPOTTI & FILLI, Viale Principe Amedeo 12, Florence, under control of AMG 5th Army.

Electric light bulbs	58

At POGGIALI BRUNO, Via S. Agostino 14, Florence, under control of AMG 5th Army.

Electric light fittings	1,177 pcs.
Switch gear	180
Transformers	2
Wire & Cables	370

At CUCCUINI ZOLINO, Via D. Ciampotti, 5 Florence, under control of AMG 5th Army.

Electric light bulbs	7
Electric light fittings	300 mt.
Portable generators	2

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Copper & aluminium conductors	1,425 metres
Electric light fittings	920
Switch gear	142
Transformers	25
Wire & Cables	1,643

At BARUCCI & C., Via Faenza 19, Florence, under control of AMG 5th Army.

Electric light fittings	166 metres
Switch gear	26

At MAGINI CESARE, Via Bufalini 13, Florence, under control of AMG 5th Army.

Electric light fittings	1,700 metres
Wire & Cables	250

At PIETRI DINO, Via Cavour 85, Florence, under control of AMG 5th Army.

Wire & Cables	33,000 metres

At SPOTTI & VIGLI, Viale Principe Amedeo 12, Florence, under control of AMG 5th Army.

Electric light bulbs	54

At POGGIALI BRUNO, Via S. Agostino 18, Florence, under control of AMG 5th Army.

Electric light fittings	1,177 pcs.
Switch gear	160
Transformers	2
Wire & Cables	370

At CUCCUINI ZOLIMO, Via D. Giannotti, 5 Florence, under control of AMG 5th Army.

Electric light bulbs	7
Electric light fittings	300 Mt.
Portable generators	2
Wire & Cables	2041

At FLORENTINA NAT. ELETTR., Via Oriuolo 31, Florence, under control of AMG 5th Army.

Electric light bulbs	29
Motors	2
Transformers	31
Wire & Cables	400 Mt.

At FILLI CHIARINI, Via di Monte Ripaldi, 39, Florence, under control of AMG 5th Army.

Switch gear	1,076 Mt.

At SANTINELLI ALFEO, Via T. Rossi, 63r, Florence, under control of AMG 5th Army.

Transformers	16

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At CRONICA ANTICA, Via San Gallo 61, Florence, under control of AMG 5th Army.

Electric light bulbs	34
Electric light fittings	641
Switch gear	188
Wire & Cables	150

At Alessandri & De Angelis, Via Guelfa 23r, Florence, under control AMG 5th Army.

Switch gear	122
Wire & Cables	1,000 ft.

At SOPRINTENDENZA STORICA, Via dei Bentaccordi 10, Florence, under control of AMG 5th Army.

Electric light bulbs	15
Electric light fittings	200 No.
Transformers	1
Wire & Cables	22

At SPIGHI E. Figlio, Via dei Pilastri 23, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	20,100 ft.
Electric light fittings	34
Switch gear	98
Wire & Cables	487

At FANTI ARTURO, Via Alfieri 48, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	450 kt.
Electric light fittings	2,000 pcs.
Welding rods	103 Kgs.

At FILARDI RENATO, Pza. S. Lorenzo 3, Florence, under control of AMG 5th Army.

Electric light bulbs	14
Electric light fittings	600 pcs.

At FINI A., Via Alfieri 21, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	1,700 kt.
Switch gear	309
Wire & Cables	340 No.

At GUILLINI LUIGI, Via dei Servi, 70, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	300
Motors	1
Electric light fittings	200 pcs.
	160

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at BORGOGNI PIETRO, Via del Canal 13, Florence, under control of AMG 5th Army.

Electric light bulbs	1,
Electric light fittings	200 no.
Transformers	4
Wire & Cables	22

at CHIOSI MARIO, Via Sul Fossatra 25, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	203,100 mt.
Electric light fittings	304
Switch gear	95
Wire & Cables	287

at MAZZI ARDUINO, Via Alfani 58, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	470 mt.
Electric light fittings	2,000 pcs.
Welding rods	103 Kgs.

at PALAZZO PETRARCA, Pza. S. Lorenzo 1, Florence, under control of AMG 5th Army.

Electric light bulbs	14
Electric light fittings	600 pcs.

at PIECI A., Via Alfani 21, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	1,000 mt.
Switch gear	1
Wire & Cables	200 mt.

at GUILLIA LUIGI, Via dei Servi, 72, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	300
Motors	1
Electric light fittings	500 pcs.
Switch gear	100
Transformers	11
Wire & Cables	11,242 mt.

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at [illegible] Palazzo, Via Cavour 98, Florence, under control of AMG 5th Army.

Copper & aluminium conductors	8,444 mt.
Electric light fittings	2,500 kt.
Motors	20
Switch gear	615

at [illegible] Enrico, Via Cavour 4/6, Florence, under control of AMG 5th Army.

Electric light fittings	1,791 pcs.
Switch gear	361

APPENDIX "D"

FERROUS MATERIALS

Materials available at SOC. ATTILIO PROFILI, VIA APPIA NUOVA, 67, Rome, under control A.C.C.

Hexagonal steel for drills	22-25 m/m	25 Qls.
Carbon steel in bars		160 Qls.
Annealed galvanized iron wire		18 Qls.

Materials available at ILVA, TORRE ANNUNZIATA, under control of A.C.C.

Galvanized iron wire	100 Tons

Materials available at DITTA MAURIZIO-FERRERO, VIA S. DONATO, 27, Florence, under control of A.C.C., 5th Army

Special steel	4.5 Tons

Materials available at ILVA, S. GIOVANNI, Valdarno, under control of A.C.C., 5th Army

Annealed iron wire	44.8 Tons
Bright iron wire	167.9 Tons
Galvanized iron wire	2.8 Tons
Annealed galvanized iron wire	0.35 Tons
Galvanized wire	9.8 Tons
Barbed wire (black)	60.0 Tons

NON-FERROUS MATERIALS

Materials available at SOC. ATTILIO PROFILI, VIA APPIA NUOVA, 67, Rome under control of A.C.C.

Copper scrap	35 Qls.
Lead scrap	7 Qls.
Zinc in bars	120 Kgs.

Materials available at EDOARDO BRUSCONI, COLLE VAL D' ELSA, Siena, under control of A.C.C.

Waste metal	10 Qls.

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[illegible] PROFILI, Lungo CORNELIO TORIOLO, 6,

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Materials available at DITTA MAURIZIO STROZZI, VIA S. DONATO, 27, Florence, under control of A.M.G., 5th Army

Special steel 4.5 Tons

Materials available at ILVA, S. GIOVANNI, Valdarno, under control of A.C.C., 5th Army

Annealed iron wire 34.8 Tons

Bright iron wire 167.9 Tons

Galvanized iron wire 2.8 Tons

Annealed galvanized iron wire 0.25 Tons

Galvanized wire 0.8 Tons

Barbed wire (black) 60.0 Tons

NON-FERROUS MATERIALS

Materials available at SOC. ATTILIO FRETTI, VIA APPIA NUOVA, 67, Rome under control of A.C.C.

Copper scrap 25 Qls.

Lead scrap 7 Qls.

Tin in bars 120 Kgs.

Materials available at EREDI LORENZONI, CASTELVALDI D' ELSA, Siena, under control of A.C.C.

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White metal 10 Qls.

Materials available at INDUSTRIA METALLURGICA SIDERURGICA, LARGO GIUSEPPE TORNIOLO, 6, Rome, under control of A.C.C.

Electrodes: type super 12 3,000 Pcs.
type melex 1,500 Pcs.
type arrow 1,845 Pcs.

Materials available at S.I.M.A., TIBURSA, VIA GARIBALDI, 4, Rome, under control of A.C.C.

Caustic soda 50 Tons

Materials available at S.I.S.A. VISCOSA, VIALE MARAINI, Rieti, under control of A.C.C.

Caustic soda 175 Tons

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NON-FERROUS MATERIALS (Cont'd)

Materials available at F.A.U. 5004, SINALUNGA AI PIEVE, Siena, under control of A.M.G., 5th Army

Caustic soda	2 Qts.

Material available at S.T.A.V. SCANDIANO, Grosseto, under control of A.M.G., 5th ARMY

Calcium carbide	670 Kgs.

Materials available at CANONICATO TOSCANO, Via Dello Cascine, 35, Pisa, under control of A.M.G., 5th Army

Oil paints	7½ Qts.
Matt paints	16 Qts.

Materials available at CONSORZIO AGRARIO warehouse, Lucca, under control of A.M.G., 5th Army

Linseed	112 Qts.

NOTE: 15 Qts. unusable, due to rot. Remainder suitable for oil extraction.

APPENDIX "E"

The following information regarding stocks of materials which are neither controlled nor restricted, has reached this Section, and is attached for the information of members.

At Soc. ATTILIO PROFILI, V. Appia Nuova 87, Rome.

Aluminium round in bars	14 qls.
Nuts (various sizes)	10,000 pcs.
Brass nails	100 doz.
Iron nails	70 lbs.
Bolts	15,000 pcs.
Aluminium scraps	18 qls.
Brass scraps	5 qls.
Steel pipes (var. sizes)	10 qls.
Screws (var. sizes)	100 boxes

At INDUSTRIE PRODOTTI SIDERURGICI, Rome.

Round iron raw in bars:	.08 cm	7.5 tons
	.10 cm	12.5 "
	.12 cm	4.5 "
	.16 cm	2.4 "
	.18 cm	1.0 "
	.24 cm	9.6 "
Screws and nuts		10 tons

At O.R.S.A., Via Prenestina 183, Rome.

Plates, iron:	60x6 mm	705 Kgs.
	100x10 mm	50 "
	25x4 mm	60 "
	25x5 mm	50 "
	30x6 mm	100 "
	30x8 mm	50 "
	40x10 mm	190 "
	40x3 mm	145 "
	15x3 mm	300 "
	18x3 mm	300 "
	200x30 mm	100 "
Round iron in bars - 4 to 6 metres		15.0 tons
Square iron:	10x10 mm	285 Kgs.
	15x15 mm	210 "
	20x20 mm	100 "

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Brass scrap		10 qls.
Steel pipes (var. sizes)		100 boxes
Screws (var. meas.)		

At INDUSTRIA PRODOTTI SIDERURGICI, Rome.

Round iron, raw in bars:	.08 cm.	7.5 tons
	.10 cm.	12.5 "
	.12 cm.	4.5 "
	.16 cm.	2.4 "
	.18 cm.	1.0 "
	.24 cm.	3.6 "
		10 tons

Screws and nuts

At O.R.S.A., Via Prenestina 189, Rome.

Plates, iron:	60x6 mm.	700 Kgs.
	160x10 mm.	50 "
	25x4 mm.	60 "
	25x8 mm.	50 "
	30x6 mm.	250 "
	30x8 mm.	50 "
	40x10 mm.	170 "
	40x3 mm.	145 "
	15x3 mm.	400 "
	18x3 mm.	300 "
	200x30 mm.	100 "
Round iron in bars - 4 to 6 metres		15.2 tons
Square iron:	10x10 mm.	285 Kgs.
	15x15 mm.	210 "
	20x20 mm.	100 "
Angle iron:	60 mm.	100 Kgs.
	50 mm.	1,000 "
	45 mm.	500 "
	40 mm.	400 "
	35 mm.	100 "
	25 mm.	100 "
	20 mm.	100 "
	15 mm.	200 "
		1,50 Kgs.
Scrap iron		
T/iron:	35 mm.	300 Kgs.
	40 mm.	700 "
T/iron	100 mm.	500 Kgs.
special shape for steel scrap		3 tons

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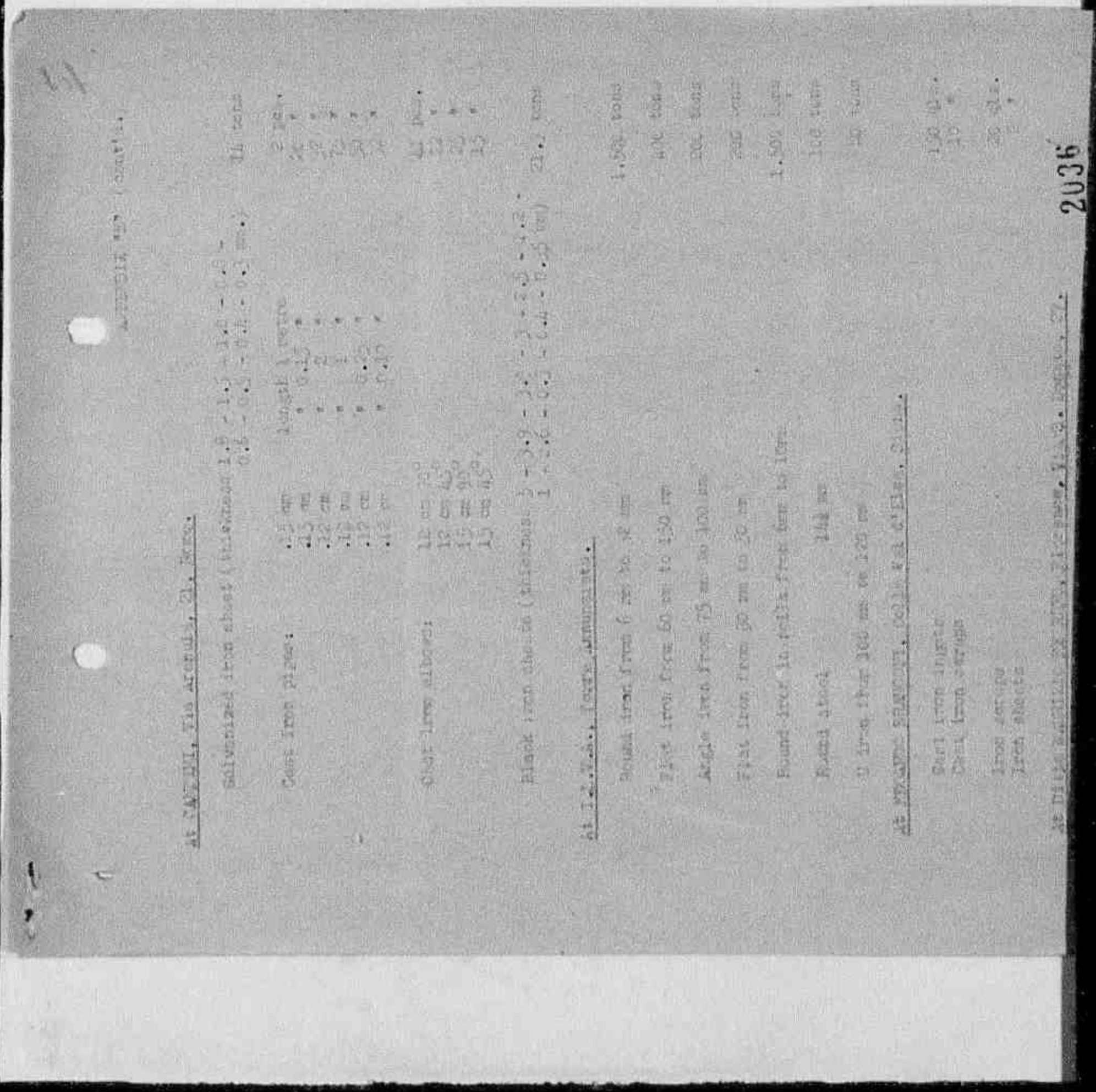

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.12 m " 0.10 " 10 "

Cast iron elbows: 12 cm 60° 25 pcs.
12 cm 45° 22 "
15 cm 90° 25 "
15 cm 45° 15 "

Black iron sheets (thickness 5 - 3.5 - 3.0 - 3 - 2.5 - 2 - 1.5 - 1 - 0.8 - 0.5 - 0.4 - 0.35 cm) 21.5 tons

At I.L.V.A., Porta Ampugnano.

Round iron from 6 mm to 30 mm 1,500 tons

Flat iron from 60 mm to 150 mm 400 tons

Angle iron from 75 mm to 150 mm 300 tons

Flat iron from 30 mm to 50 mm 300 tons

Round iron in rolls from 6mm to 10mm 1,500 tons

Round steel 14½ mm 100 tons

U iron from 100 mm to 120 mm 50 tons

At FRATELLI [illegible], Sesto Fiorentino.

Cast iron ingots 150 tons.
Cast iron scraps 20 "

Iron scraps 40 tons.
Iron sheets 2 "

At Ditta [illegible], Florence. Via G. Donato, 27.

2036

Iron plates and pipe 2½ tons

At PAOLO [illegible], General, Borgo S. Lorenzo, Florence.

Iron and steel bars 400 tons.

At [illegible], S.r.l., Via [illegible], Florence.

Cast iron in ingots 15 tons
Scrap cast iron 2 "

Iron plates 2½ tons
Iron castings 2½ "

At Geo. [illegible], Via Dante da Castiglione 31, Florence.

Cast iron ingots and scraps 15 tons
Iron plates and pieces 8½ "
Steel castings 3½ "

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At I.L.V.a., S.Giovanni, Valdarno, Arezzo (cont'd).

Nails	56.2 tons
Iron scraps	1,940 tons
Pig iron ingots	600 "

At I.L.V.a., Follonica, Livorno.

Iron sheets	5.6 tons
Round iron	36.3 "
Half round iron	0.3 "
Plates	7.1 "
Square	0.9 "
Hinge iron	1.1 "
U iron	1.9 "
Beams	0.68 "

At RAFFAELE PROSOLENTI, TERNI.

Cast iron in lumps and scraps	400 qls.
Profiled iron	100 "
Iron sheets	36 "

HEADQUARTERS
5 OCT 1944
A. C. C.

H008 Ref? Co S. 3 2701

COMT No 3

ALLIED FORCE LOCAL RESOURCES SECTION

Ref: LRS/215

H.A.A.C.
C.M.F.

3 Oct 44. 5 OCT Recd

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES

1. The Fifteenth Meeting of the Engineering Materials Committee was held at 0930 hrs, Tuesday 3 OCT 44 in the Cafeteria Conference Room, HQ AOT, ROME.

Present:

Brig. D. L. ANDERSON, DW, HQ AAI. Chairman.
CE, ATHQ.

Representatives of:

C-in-C Med.
ACC.
SOS NATOUSA.
DW ATHQ.
CRO (RE) ATHQ.
EY (SE) ATHQ.
MRO.
AAFSC/MTO.
2nd Gp. TAF.
DW, AAI.
CE, PBS.

2. The Minutes of the Fourteenth Meeting were received and approved.

3. Changes in membership in the committee were considered, and the following revised membership was recommended to the Board:

Chairman:

Brig. D. L. ANDERSON, DW, HQ AAI.

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...Room, AMHQ.

Present:

Brig. D. I. ANDERSON, DW, HQ AAI. Chairman.
CS, ATHQ.

Representatives of:

C-in-C Med.
ACC.
GOC NATOUSA.
DW, APHQ.
ORD (Ad) ATHQ.
TN (Ad) APHQ.
MGS.
AAFSC/MTO.
21A Gp. TAF.
DW, AAI.
CE, PBS.

2. The Minutes of the Fourteenth Meeting were received and approved.

3. Changes in membership in the committee were considered, and the following revised membership was recommended to the Board:

Chairman:

Brig. D. I. ANDERSON, DW, HQ AAI.

2035 1A

Representatives of:

C-in-C Med.
GOC NATOUSA.
ACC.
CE, AMHQ.
DW, APHQ.
ORD, APHQ.
TN (Ad) APHQ.
ORD (AM) APHQ.
SIGNAL SERVICE (AM) APHQ.
AAFSC/MTO.
21A Gp. TAF.
DGMR.
DW, AAI.

C.S.O.

I do not think COS need see this

S. 6/10

It was recommended to the Board that SOVIET ITALY be invited to accept membership on the committee. Yes S

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4. No matters arose for discussion from the meeting of the Board held on 14 Sep 44.

5. Allocations against reported availabilities of controlled materials were made, and AFLRS were instructed to issue the necessary release notes. The Committee decided that at each meeting the unallocated balances of availabilities from the previous meeting could be presented, and after consideration of any bids submitted against such availabilities, any unallocated balances should be released to AGD.

6. The consolidated requirements of all Services for steel against the production of the Terni and Ilva Terre Armuriate plants for the month of November were received, and the bids as submitted were accepted by CE, PBS and DW, AAI.

7. The present list of controlled engineering materials was considered and it was recommended to the Board that a revised list as per Appx "A" attached be published.

8. It was decided to establish a sub-committee on Industrial Gases, consisting of the following members:

Chairman:

Representative of CE of SOS NATOUSA.

Representatives of:

C-in-C Med.
ORD, AFHQ.
DW, AFHQ.
21st Gp. RAF.
AAFSC/MTO.

9. The Minutes of the last meeting of the Industrial Gases Sub-Committee held on 5 Sep 44 were deferred for consideration at the next meeting of the Engineering Materials Committee.

10. The Sixteenth meeting of the Committee will be held at 0930 hrs, Monday 30 Oct 44 in the CAFETERIA OFFICERS MESS, HQ ACC, Via Vittorio Veneto, HOME, Ground Floor, Room Nos. 27-29-31.

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6. The consolidated requirements of all services for [illegible] the production of the Terni and Ilva Torre Annunziata plants for the month of November were received, and the bids as submitted were accepted by CE, PSC and DW, AAI.

7. The present list of controlled engineering materials was considered and it was recommended to the Board that a revised list as per Annex "A" attached be published.

8. It was decided to establish a sub-committee on Industrial Gases, consisting of the following members:

Chairman:

Representative of CE of 3SS PATOUSA.

Representatives of:

C-in-C Med.
CMD, AFHQ.
DW, AFHQ.
2nd Op. BAP.
AAFSS/MTO.

9. The Minutes of the last meeting of the Industrial Gases Sub-Committee held on 5 Sep 44 were deferred for consideration at the next meeting of the Engineering Materials Committee.

10. The Sixteenth meeting of the Committee will be held at 0930 hrs, Monday 30 OCT 44 in the CAFETERIA CONFERENCE ROOM, HQ ACC, Via Vittorio Veneto, ROME, Ground Floor, Room Nos. 27-29-31.

H. J. B. LOVELL.
Captain,
Secretary,
Allied Force Local Resources (ITALIAN) Board.

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19	CE, SOS NATOUSA.
20	GPR, SOS NATOUSA.
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29	MAAF (Br. element).
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31/32	LAFSC/MTO.
33/37	RAAC.
38	Vice President Economic Section, ACC.
39/41	ACC.
42/43	DFMR.
44/45	HQ 214 Gp RAF.
46	PA, RAF.
47/48	LRS, HQ AAI.
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Appendix "A"

LIST OF CONTROLLED ENGINEERING MATERIALS.

I. Metals - Ferrous.

1. Cable & Wire.
2. Machine & Tool steel.
3. Structural steel, sectional dimension exceeding 6".
4. Foundry Pig.

II. Metals - Non ferrous.

5. Brass, unfabricated.
6. Copper, unfabricated and scrap.
7. Chromium.
8. Lead in all forms.
9. Nickel.
10. Solder.
11. Tin.
12. White metal for bearings.

III. Timber.

13. Standing timber in the two areas reserved for British and American services in Calabria.
14. Plywood.

IV. Other Building Materials.

15. Paint.
16. Pigments for paint.
17. Varnish.
18. Linseed & Linseed Oil.

V. Electrical Materials.

19. Accumulators & Batteries.
20. Copper and Aluminium commutators.
21. Electric light bulbs.
22. Electric light fittings.
23. Motors.
24. Part bio Generators.
25. Switch Gear.

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4. Foundry Pig.

II Metals - Non ferrous.

5. Brass, unfabricated.
6. Copper, unfabricated and scrap.
7. Chromium.
8. Lead in all Forms.
9. Nickel.
10. Solder.
11. Tin.
12. White metal for bearings.

III. Timber.

13. Standing timber in the two areas reserved for British and American services in Calabria.
14. Plywood.

IV. Other Building Materials.

15. Paint.
16. Pigments for paint.
17. Varnish.
18. Linseed & Linseed Oil.

V. Electrical Materials.

19. Accumulators & Batteries.
20. Copper and Aluminium conductors.
21. Electric light bulbs.
22. Electric light fittings.
23. Motors.
24. Portable generators.
25. Switch gear.
26. Transformers.
27. Welding rods.
28. Wires & Cables.

VI. Industrial Gases & Chemicals.

29. Bottles and containers.
30. Ammonia.
31. Caustic Soda.
32. Calcium Carbide.

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