Declassified E.O. 12356 Section 3.3/NND No. 785016

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Declassified E.O. 12356 Section 3.3/NND No. 785016

9/19/80

34.31 - Engineering Materials Meetings
Nov. 1943 - March 1944

Copy No. 58

HQ ACMF (ADM ECHELON)
LOCAL RESOURCES SECTION
C M F.

REF :- 7/2/LR. 7 March 1944.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE -. MINUTES.

1. The sixth meeting of the Engineering Materials Committee was held at 09.30 hours, 7 MARCH 44, in the Conference Room, HQ ACMF (Adm Echelon).

Present :- Colonel D.S. Burns, Engineer Officer, PBS.- Chairman.

Representatives of :- MW (POWIT)
DDW
CE, PBS.
DCRA
AMPSC/ATO
214 Group RAF (Adv HQ)
No.2 DISTRICT
No.3 DISTRICT
CRD (Br)
TW (Br)
REME
ACC

In attendance :- Vice Chairman (Am) Allied Force Local Resources
Vice Chairman (Br) (Italian) Board

2. The Minutes of the last meeting (11 FEB 44) were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 21 FEB 44.

4. No report was submitted by RAF regarding putting the Crotone Industrial Gases plant into operation at an early date, on the grounds that they had not sufficient technical personnel available to carry out the necessary investigations nor did they consider this source of supply a feasible proposition in view of the lack of cylinders and the transportation problems. It was pointed out that RAF, although the largest consumers of oxygen on the occupied mainland of Italy, had not yet attended a single meeting of the Industrial Gases Sub-Committee, nor had they asked for the assistance of

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No.3 DISTRICT
ORD (Br)
TW (Br)
RE&S
ACC

In attendance :- Vice Chairman (Am) Allied Force Local Resources
Vice Chairman (Br) (Italian) Board.

2. The Minutes of the last meeting (11 FEB 44) were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 21 FEB 44.

4. No report was submitted by MAAF regarding putting the Crotone Industrial Gases plant into operation at an early date, on the grounds that they had not sufficient technical personnel available to carry out the necessary investigations nor did they consider this source of supply a feasible proposition in view of the lack of cylinders and the transportation problems. It was pointed out that MAAF, although the largest consumers of oxygen on the occupied mainland of Italy, had not yet attended a single meeting of the Industrial Gases Sub-Committee, nor had they asked for the assistance of technical personnel from any Service in the investigation of the Crotone Industrial Gases Plant. It was decided that no change would be made in the existing allocation of oxygen and the Industrial Gases Sub-Committee was instructed to hold a meeting immediately to investigate thoroughly the exact position regarding the production of oxygen and to submit its final recommendations to the next meeting of the Committee. It was agreed that the present shortage of oxygen was most grave and that an immediate solution must be found.

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5. No report was received from MAAF on the possibilities of using additional plant in the Naples area to meet their requirements of oxygen. 3887,
the Industrie Meridionali Soto & Derwati, Via Traccia Poggioreale, Naples, is under the control of CC., PBS, who gave authority for ACC to study the plant with a view to finding out the potentialities for oxygen production.

6. ACC submitted a price of Lire 15 per cu. metre for breathing oxygen which was accepted by the Committee. This price included cost of all raw material. The cost of any materials furnished by the Services is to be deducted from invoices.

7. The following allocations were made against materials available at the Cellulosa-Chloro-Soda Plant, Naples :-

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Engineering Mats. Cttee. (Cont):

Commodity.	Allocated to.
Scrap copper wire and bus-bars	50% to CE. PBS. 50% to DDW.
Salvage Lead sheeting	100% to PBS.
Barrels	50% to CE. PBS. 50% to DDW.
Cut lumber	50% to CE. PBS. 50% to DDW.
High pressure gas cylinders, oxygen and hydrogen	50% to CE. PBS. 50% to ORD (Br)
Electric Motors (Any other Services interested in the balance were requested to submit their demands to the Local Resources Section)	10 motors to DDW.
Overhead truck hoists	50% to CE. PBS. 50% to DDW.
Wicker baskets for carboys	5,000 to ORD (Br)
Gasmeters	ACC asked to reserve for future allocation.

8. It was decided that no action was necessary concerning the high pressure gas cylinders reported by ACC at the last meeting, these cylinders having been collected by interested Services.

9. A report was received of the amount of caustic soda under the control of Services which had been obtained from the occupied mainland of Italy and necessary allocations were made for the month of March :

Total availability : Solid - 136.2 tons
Liquid - 163.2 tons (602,000 litres)

Allocations made :	Solid.	Liquid.
ACC	20 tons	182,000 Litres
RM	2 "	-
ORD (Br)	5 "	-
214 Group RAF (Adv HQ)	5 "	-
PBS	17 "	-
DDW	8 "	-
TOTAL	57 tons.	182,000 Litres.

10. Allocation of sulphuric acid for the month of April was made as follows :-

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cylinders reported by ACC at the last meeting, these cylinders having been collected by interested Services.

9. A report was received of the amount of caustic soda under the control of Services which had been obtained from the occupied mainland of Italy and necessary allocations were made for the month of March :

Total availability : Solid - 136.2 tons
Liquid - 163.2 tons (602,000 litres)

Allocations made :	Solid.	Liquid.
ACC	20 tons	182,000 litres
HQ	2 "	-
CRD (Br)	5 "	-
214 Group RAF (Adv HQ)	5 "	-
PTS	17 "	-
DDW	8 "	-
TOTAL	57 tons.	182,000 litres.

10. Allocation of sulphuric acid for the month of April was made as follows :-

Total availability : 294 tons.

Allocations made :					
	CRD (Br)	25 tons	DDW	10	tons
	ACC	1 "	PTS	80	"
	214 Gp. RAF (Adv HQ)	7 "	DGMR	15	"
	FN (SONIT)	5 "	TOTAL	144	tons

The Local Resources Section undertook to find out whether an additional 80 tons of sulphuric acid, reported to be in Sicily, could be made available for allocation on the mainland.

11. Members of the Committee were reminded that demands for controlled and restricted items in regular demand must be submitted by interested Services to reach the Local Resources Section 72 hours before the date of the meeting.

12. Previous allocations of timber, cement and industrial gases were discussed and the Committee decided that no alterations were necessary. ACC was instructed to apply direct to the controlling military service for materials needed to execute the road and bridge building programme they have undertaken for the military.

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13. A report was received from ACC regarding further availability of controlled items - Appendix"A" - and the following allocations were made :-

Commodity.	Allocated to.
Cement sacks.	10,000 to DDW
Oak and Pine timber for shipbuilding.	200 cu. metres to RN
Timber, no specification.	50 cu. metres to CE. PBS
Sulphur.	All stocks of sulphur reported available were frozen for allocation by the Committee at a later date.
Bricks and Tiles.	100,000 Solid bricks to CE. PBS. 100,000 hollow " " CE. PBS. Balance of availability to DDW.
Firebricks.	DGMR.

14. Demands received as follows for the 15,000 metres of heavy galvanized piping believed to be available in Sardinia :-

CE. PBS	-	5,000 metres
RN	-	2,000 "
DDW	-	8,000 "

The Local Resources Section undertook to ascertain whether this piping could be made available by the Allied Force Local Resources (Sardinian) Board.

15. In view of local stocks of sulphuric acid becoming rapidly depleted, ACC were asked to expedite the putting into operation of at least one of the fertilizing plants capable of producing sulphuric acid as an auxiliary product.

16. The allocation of the firm of CENGHIS MAGALDI, MUCCHIO, near Salerno, to the Royal Navy for the manufacture of leather belting was not necessary, as DDW was already operating the plant.

17. Allocations against stocks of materials held at 174 Corso Umberto, Naples were made to interested Services - see Appendix "B".

18. In reply to a request for permission to export surplus metals, ACC were asked to submit to the Committee a comprehensive list of those items which they desired to export.

19. ACC were asked to make an inventory of the metals stated to be at the Asmaldo Works, under control of MTE, and to present their inventory to the next meeting.

20. ACC were requested to set a price for the sale of cement, bearing in mind the price to be paid by the producers of the cement when the imported acid is furnished from military sources.

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21. Interested Services were requested to submit to the Local Resources Section, 72 hours before the next meeting, their monthly requirements of linseed oil against the 1944 production.

22. Interested Services were requested to submit at the next meeting their requirements against 515 empty chlorine gas cylinders, without valves, and 185 empty chlorine cylinders with valves, which are available for disposal in No. 2 District.

23. There were no amendments to the list of controlled items as published.

24. The seventh meeting to be held at 09.30 hours, 4 March 44, in the Conference Room, Hq AGIF (Adm Echelon).

Brig J.C. RAMSDEN,
Joint Secretary (Am)

Capt. S.J.B. LOUDEN,
Joint Secretary (Br)

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

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	15-18	AMFSC/ATC.		43	AFW (Statos)
	19-20	21A Gp. MAF (Adv HQ)		44-53	Local Resources Sect.
	21-23	ACC.		54	AFLR (Sicilian) Board.
	24	DQMG.		55	AFLR (Sardinian) Board.
	25	Q-1.		56	File.
	26	Q-2.		57-66	Spares.
	27-30	HQ., AFLRS, AFHQ.			

SJBL/EB.

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APPENDIX "A"

Appendix "A" to Minutes of
Engineering Materials Committee
Meeting - 7 March 44

CLASS II

AMG/ACC File	Date of Survey	Name and Address	Location	Controlled By	Description
CORK:	21 Feb	Regional Allied Commissioner	Sardinia	ACC	Cork
CEMENT SACKS:	6 Feb	Consorzio Agrario, Lecce.	Lecce	ACC/II	Cement sack
TIMBER: (4305)	27 Dec	D.I. Mauro, Francesco, Via G. Pellegrino, 48 Vietri sul Mare.	Salerno	ACC/II	Oak and Pin for shipbui
	4 Feb	Russo, Pasquale, Via Ottaviano, 81.		AMG/III	Timber, no
SULPHUR POWDERED:	16 Feb	Soc. Di Marzo Avellino	Avellino	ACC	Powdered Su
	16 Feb	S.A. Industria Mineraria, Altavilla.		ACC	Powdered Su
	16 Feb	Soc. San Domenica, Strongoli.	Calabria	ACC	Sulphur, Fu
	16 Feb	Mustachio Comoro		ACC	Sulphur, Fu

Declassified E.O. 12356 Section 3.3/NND No. 785016

APPENDIX "A"

Appendix "A" to Minutes of
Engineering Materials Committee
Meeting - 7 March 44

ss	Location	Controlled By	Description of Material	Quantity on hand	Monthly Production
missioner	Sardinia	ACC	Cork	3,000 Tons	Additional 3,000 tons will be available during 1944.
Lecce.	Lecce	ACC/II	Cement sacks, empty.	10,000 Sacks	
no, Via letri	Sulerno	ACC/II	Oak and Pine timber for shipbuilding	200 C.M.	
a		AMG/III	Timber, no spec.	50 C.M.	
ino	Avellino	ACC	Powdered Sulphur		350 Tons
rurin,		ACC	Powdered Sulphur		400 Tons
Strongoli.	Calabria	ACC	Sulphur, Fused blocks.		180 Tons
		ACC	Sulphur, Fused blocks.	379 Blocks	

Declassified E.O. 12356 Section 3.3/NND No. 785016

APPENDIX "A"

Page 2 of Appendix "A" to Minutes o
Engineering Materials Committee
Meeting - 7 March 44

CLASS III

AMG/ACC File	Date of Survey	Name & Address	Location	Controlled By	Descrip
BRICK & TILE: (4594)		S.A. Laterizi & Affini, San Martino di Montecorvino, Rovella.	Salerno	ACC/II	Solid B Hollow
(4608)	26 Dec 43	S.A. Laterizi Industrie Diverse, Via Gelso.	Salerno	ACC/II	Solid B Hollow Hollow
(4522)	12 Jan 44	Esercizio Stabilimento Laterizi, Casal Velino, Scalo.	Salerno	ACC/II	Solid B Hollow
FIREBRICK:	2 Feb	Brickworks, Cagliari.	Sardinia	ACC/VI	Firebri operati good co
	26 Dec 43	Societa Anonima Laterizi Industrie Diverse, Via Gelso, Salerno.	Salerno	ACC/II	Solid B Hollow
	12 Jan 44	Esercizio Stabilimento Laterizi, Casalvelino (Scalo).	Salerno	ACC/II	Solid B Tiles
	1 Jan 44	S.A. Laterizi & Affini, San Martino di Monte-corvino, Rovella.	Salerno	ACC/II	Solid B Hollow

Declassified E.O. 12356 Section 3.3/NND No. 785016

APPENDIX "A"

Page 2 of Appendix "A" to Minutes of
Engineering Materials Committee
Meeting - 7 March 44

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dress	Location	Controlled By	Description of Material	Quantity on hand	Monthly Production
& Affini, i Montecorvino,	Salerno	ACC/II	Solid Bricks Hollow Bricks	50,000 20,000	
Industrie Celso.	Salerno	ACC/II	Solid Bricks Hollow Bricks Hollow Floor Tile	100,000 96,000 3,000	
bilimento al Velino,	Salerno	ACC/II	Solid Bricks Hollow Bricks	300,000 100,000	
agliari.	Sardinia	ACC/VI	Firebrick - Plant operating and in good condition.	Some quantity on hand	Not stated
ma Laterizi rso, Via o.	Salerno	ACC/II	Solid Bricks Hollow Bricks	100,000 6,000	
bilimento alvelino	Salerno	ACC/II	Solid Bricks Tiles	300,000 100,000	
& Affini, i Monte- lla.	Salerno	ACC/II	Solid Bricks Hollow Bricks	50,000 20,000	

APPENDIX "B" APPENDIX "B"

Appendix "B" to Minutes of
Engineering Materials Committee
Meeting - 7 March 44

STOCKS OF MATERIALS HELD AT 174 CORSO UMBERTO, NAPOLI.

Description of Material	Allocated to	Quantity
FERROUS METALS:		
Iron Wire in bundles of 50 Kg	ORD (Br)	500 Kg
" " " " " 5 Kg	ORD (Br)	225 Kg
Bolts & nuts, assorted.	DDW & CE, PBS.	14 Boxes
Steel plate	DDW & CE, PBS.	400 Kg
Steel bars, 30 mm x 15 mm	50% DGMR & 50% TM(Br)	20 pcs
Screws, assorted sizes.	DDW & CE, PBS.	120 Packages
NON-FERROUS METALS:		
Solder	DDW & CE, PBS.	15 Cakes
Copper sheet, 1.5 M x .60 M x 0.8 mm	DDW & CE, PBS.	11 pcs
Zinc sheet	50% DDW & 50% ORD (Br)	20 Kg
TIMBER:		
Assorted short, rough timbers.	50% DDW & 50% RN DGMR	app. 20 Tons
Ry. sleepers, untreated.		185 pcs
OTHER BUILDING MATERIALS:		
Oil, in drums of 250 Litres.	ACC	21 Drums
Petrol, in drums of 250 Litres.	ACC	2 "
Fat for treatment of Leather Belting	1 Barrel each to: CE, PBS. ORD (Br) DGMR TM (Br) DDW	5 Barrels
Turpentine	V & RS	250 Litres
Cement, paper sacks of 50 Kg.	ACC	140 Sacks
Roofing felt	100 rolls RN, balance to	

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NON-FERROUS METALS:

Solder	DDW & CE, PBS.	15 Cakes
Copper sheet, 1.5 M x .60 M x 0.3 mm	DDW & CE, PBS.	11 pcs
Zinc sheet	50% DDW & 50% ORD (Br)	20 Kg

TIMBER:

Assorted short, rough timbers.	50% DDW & 50% RN	app. 20 Tons
Ry. sleepers, untreated.	DGMR	165 pcs

OTHER BUILDING MATERIALS:

Oil, in drums of 250 Litres.	ACC	21 Drums
Petrol, in drums of 250 Litres.	ACC	2 "
Fat for treatment of Leather Belting	1 Barrel each to: CE, PBS. ORD (Br) DGMR TN (Br) DDW	5 Barrels
Turpentine	V & RS	250 Litres
Cement, paper sacks of 50 Kg.	ACC	140 Sacks
Roofing felt	100 rolls RN, balance to CE, PBS.	424 Rolls
Fire clay	1 bag ORD (Br)	
	2 bags RN	
	6 " DDW	
	9 " DGMR	20 Bags
Colouring powder for Cement & Stucco	ACC	38 Barrels
Bitumen	7 barrels DGMR	
	6 " RN	13 Barrels
Benzine	1 barrel DGMR	3 Barrels
	2 barrels ACC	6 Sacks
Glue	A CC	28 Cans
Oils, Misc.	ACC	2 Boxes
Glass, clear.	ACC	1 Box
Glass, ribbed.	CE, PBS.	2 Cans
Varnish	ACC	
Steel cable	1 roll CE, PBS, 1 roll RN, 1 roll ORD (Br)	3 Rolls
Tin Solder	DDW & CE, PBS.	4 Boxes
Stocks & Dies	ORD (Br) & CE, PBS.	About 5 Cwts.
White metal	ORD (BR) & CE, PBS.	" 20 Kilos

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(P.T.O.)

Declassified E.O. 12356 Section 3.3/NND No. 773016

Page 2 of Appendix "B" to Minutes of
Engineering Materials Committee
Meeting - 7 March 44

Description of Material	Allocated to	Quantity
CHEMICALS:		
Caustic Soda, in 50 Kg. bags.	ACC	37 Bags
Starch	ACC	6 Barrels
Dextrine, in 50 Kg. bags.	ACC	8 Bags
Starch, in 50 Kg. bags.	ACC	23 Bags
Talc	ACC	24 "
Red lead powder	ORD (Br)	3 Barrels
"Fecolamide"	ACC	
Hydrochloric acid	1 Bottle ORD (Br), balance ACC	3 Bottles
Beeswax	ORD (Br)	3 Bags
Fish glue	ACC	5 "
"Gommopol" (Type of starch)	ACC	770 Kg.
Belting Wax - 2 baskets of about 25 pieces ea.	DDW & CE, PBS.	
MACHINERY & PLANT:		
Leather Belting, scraps.	DDW & CE, PBS.	700 Kg.
" " used belts.	DDW & CE, PBS.	500 Rolls
" " new.	DDW & CE, PBS.	10 "
Staples for joining leather belting	DDW & CE, PBS.	200 Boxes
Emery paper)	(1/3 RN, 1/3 ORD (Br),	20 Packets
Emery cloth)	(1/3 CE, PBS.	90 Packages
Hemp rope, new.	1 bag CE, PBS, 1 bag DDW, 1 bag ORD (Br)	3 Bags
Grinding wheels, 50 cm Diam.	ORD (Br)	13
Fire hose, cotton (100 m. rolls).	1/6 each to: RN, ORD (Br), DGMR, TN (Br), CE, PBS.	
	DDW	34 Rolls
Wide-built leather belting - 3' wide	DDW & CE, PBS.	25 Feet
Files and Drills - about a ton of each:	1/5 each to CE, PBS, DDW, ORD (Br), RN, DGMR.	

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Fish glue	ACC		5 "
"Commopol" (Type of starch)	ACC		770 Kg.
Belting Wax - 2 baskets of about 25 pieces ea.	DDW & CE, PBS.		

MACHINERY & PLANT:

Leather Belting, scraps.	DDW & CE, PBS.		700 Kg.
" " used belts.	DDW & CE, PBS.		500 Rolls
" " new.	DDW & CE, PBS.		10 "
Staples for joining leather belting	DDW & CE, PBS.		200 Boxes
Emery paper)	(1/3 RN, 1/3 ORD (Br),		20 Packets
Emery cloth)	(1/3 CE, PBS.		90 Packages
Hemp rope, new.	1 bag CE, PBS, 1 bag DDW, 1 bag ORD (Br)		3 Bags
Grinding wheels, 50 cm Diam.	ORD (Br)		13
Fire hose, cotton (100 m. rolls).	1/6 each to: RN		
	ORD (Br)		
	DGMR		
	TN (Br)		
	CE, PBS.		
	DDW		34 Rolls
Wide-built leather belting - 3' wide	DDW & CE, PBS.		25 Feet
Files and Drills - about a ton of each:	1/5 each to CE, PBS, DDW, ORD (Br), RN, DGMR.		

ELECTRICAL EQUIPMENT:

Revolution counter	ACC		1
Thermometers	ACC		3
Pressure Gauges	ACC	About	6
Copper wire various diams.	ACC		270 Kg.
Wire in aluminum conduit	ACC		50 Kg.
Lead covered cable, various sizes.	ACC		130 M.
Volt - ampere meter	ACC		1
Elect. Motors, 500 V .49 Kw.	ACC		22
Electric Fan	1/3 each to: CE, PBS.		27
	DDW		
	RN		
Breaker swithes, various sizes.	ACC		16
Automatic breaker swithes	ACC		4

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7 MARCH 44

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COPY NO. 14

AFHQ ADV. ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 7/2/LR
8/2/LR

16 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE
ELECTRIC POWER COMMITTEE

1. The sixth meeting of the Engineering Materials Committee will be held in the Conference Room, AFHQ Adv. Adm. Ech. at 09.30 hours, 7 MARCH 1944, and not 9 March 1944 as notified in the minutes of the meeting of the 11 February 1944.

2. The fourth meeting of the Electric Power Committee will be held at 09.30 hours TUESDAY, 22 FEBRUARY 1944.

THOMAS R. GIBBON
LT.COL. AUS
VICE-CHAIRMAN (AM)

J.L. PRESCOTT
LT.COL. AQMG
VICE-CHAIRMAN (BR)

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

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10	HQ, No.2 District.
11/12	HQ. No.3 District.

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2. The fourth meeting of the Electric Power Committee will be held [illegible] TUESDAY, 22 FEBRUARY 1944.

THOMAS R. GIBBON
LT.COL. AUS
VICE-CHAIRMAN (AM)

J.L. PRESCOTT
LT.COL. AQMG
VICE-CHAIRMAN (BR)
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

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10	HQ, No.2 District.
11/12	HQ, No.3 District.
13	CG, PBS.
14/17	AAFSC/MTO
18/19	214 Gp. RAF
20/22	ACC
23	DQMG
24	Q-1
25	Q-2
26/29	HQ, AFLRS, AFHQ.
30	DDW (Br)
31	DDME
32/33	DGMR
34	DDOS
35	DDTn (Br)
36/37	CE, PBS.
38	CE, No.2 District.
39	BPA, PBS.
40	ADW (Stores)
41/50	Local Resources Section
51	AFLR (Sicilian) Board
52	AFLR (Sardinian) Board
53/54	Files
55/63	Spares
64/65	MGS (Adv)

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R/L/WGM

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AFHQ., ADV.ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 7/2/LR.

13 February 1944.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES.

1. The fifth meeting of the Engineering Materials Committee was held at 09.30 hours, 11 February 1944, in the Conference Room, AFHQ Adv.Adm. Echelon.

Present:- Brigadier D.L. ANDERSON, DDW FLAMBO - Chairman

Representatives of :- RN (FOWIT)
DDW, FLAMBO
CE., PBS.
DGHR.
AAFSC/ATC.
214 Gp. R.A.F.
MGS (Adv)
ORD (Br)
ACC
TI (Br)

2. The Minutes of the last meeting of 14 January 1944 were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 31 January 1944.

4. The list of Controlled Items previously submitted to the Board was reviewed and the revised list is submitted herewith as Appendix G.

5. A report of the Industrial Gases Sub-Committee was received (Appendix B) together with a report from ACC on the Montecatini Plant, CROTONE (Appendix E).

M.A.A.F. indicated there would be considerable difficulties in putting the Crotone plant into operation. The Committee decided that, as the only satisfactory sources of Breathing Oxygen at present were quite inadequate to produce the quantity of gas demanded by M.A.A.F.- namely 7,000,000 cu.ft. per month, M.A.A.F. and A.C.C. must again seriously investigate the possibility of putting the Crotone Industrial Gases Plant into operation at an early date. and report their findings to the next meeting.

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214 Gp. R.A.F.
MGS (Adv)
ORD (Br)
ACC
TN (Br)

2. The Minutes of the last meeting of 14 January 1944 were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 31 January 1944.

4. The list of Controlled Items previously submitted to the Board was reviewed and the revised list is submitted herewith as Appendix C.

5. A report of the Industrial Gases Sub-Committee was received (Appendix B) together with a report from ACC on the Montecatini Plant, CROTONE (Appendix E).

M.A.A.F. indicated there would be considerable difficulties in putting the Crotone plant into operation. The Committee decided that, as the only satisfactory sources of Breathing Oxygen at present were quite inadequate to produce the quantity of gas demanded by M.A.A.F.- namely 7,000,000 cu.ft. per month, M.A.A.F. and A.C.C. must again seriously investigate the possibility of putting the Crotone Industrial Gases Plant into operation at an early date, and report their findings to the next meeting.

A.C.C. reported (Appendix "F") the existence of an additional plant in the Naples area and M.A.A.F. and A.C.C. were requested to investigate the possibilities of using this plant or its equipment to meet their requirements.

6. The Royal Navy reported that R.E.M.E. had now taken over the Ansaldo Works, Pozzuoli, and that any gas cylinders at the plant were under military control. It was decided that no allocation of the cylinders would be made at present.

7. Previous allocations of Timber, Cement and Industrial Gases were discussed 3881 and the Committee decided that no change was necessary. Ord (Br) reported that acetylene production was now approaching requirements and Oxygen production was being further investigated as indicated in para 5 above.

8. A report on availabilities of priority items listed at the last meeting (Appendix A) was submitted by A.C.C. and the following allocations were made :-

Pitch for caulking	allocated to	D.G.M.R.
Raw materials for paints	" "	ORD (Br)
Pigments and dry paint powders	" "	RN and PBS.

Sulphuric Acid : A.C.C. were asked to reserve the 150 tons reported available in Sicily for allocation by the Committee at a later meeting.
Allocations from stocks in Italy were made to meet one month's requirements as follows :-

34.31

/PBS .....

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PBS	-	115 Tons
R.A.F	-	1 "
CRD (Br)	-	26 "
MI	-	5 "
DGMR	-	5 "

Interested Services were requested to submit their requirements for the month of April to Local Resources Section by 6 March 1944.

Horseshoes: It was decided that as all Services interested in horseshoes were not represented on the Engineering Materials Committee, this subject could be better handled by the Miscellaneous Purposes Committee.

Tin 0.4 tons allocated to CRD (Br)
Brass rod 1 ton " " R.N.

Steel rods 5 mm to 45 mm.	48	tons allocated to R.N.
I Beams	3	" " " D.D.W.
Steel cable	½	" " " R.N.
Wire for nail making and nails assorted	110	" " " D.D.W.
		" " " Naples City, AMG.
Public works equipment	20	" " " C.E., PBS.
Aluminium wire	100	" to be frozen by M.C.C. for use of Central Electricity Board.
Lead for cable covering	28	" " " " " "
Copper wire	12	" " " " " "
Copper scrap		
Copper sheets: 1/16" x 40" x 80"	-220 sheets:	To be divided by mutual arrangement between PBS., MI and DDW.
1/16" x 36" x 72"	- 35 " :	
Copper wire-stranded 4 mm to 17 mm	24 tons	to be frozen by M.C.C. for use of the Central Electricity Board.

Timber logs	300 cu.m	Allocated to
Roof trusses	20 pieces	D.D.W.
Soft and hard wood	100 cu.m.	" " "
Chestnut plank	280 cu.m.	" " "
Chestnut boards		
Poplar "		
Nutwood "	Total 410 cu.m.	Allocated to D.D.W.
Fir "		
Walnut, etc"		

Asbestos cement sheets flat 1 m. x 1 m. - 4000 pieces:

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Public works equipment	20 "	" " C.E., PBS.
Aluminium wire	100 "	to be frozen by A.C.C. for use of Central Electricity Board.
Lead for cable covering	28 " "	" " "
Copper wire	12 " "	" " "
Copper scrap		
Copper sheets: 1/16" x 40" x 80"	-220 sheets	To be divided by mutual arrangement between PBS., RH and EDW.
1/16" x 36" x 72"	- 35 "	
Copper wire-stranded 4 mm to 17 mm	24 tons	to be frozen by A.C.C. for use of the Central Electricity Board.
Timber logs	300 cu.m	Allocated to
Roof trusses	20 pieces	D.D.W.
Soft and hard wood	100 cu.m.	" " "
Chestnut plank	280 cu.m.	" " "
Chestnut boards		
Poplar "		
Nutwood "	Total 410 cu.m.	Allocated to D.D.W.
Fir "		
Walnut, etc"		

Asbestos cement:	Sheets flat 1 m. x 1 m. -	4000 pieces
	Sheets corrugated 1x2.5 -	1000 "
	Ridge Tiles -	1000 "

Allocated to M.W.F.

Asbestos cement pipes: 750 lineal metres allocated to Naples City, AMG., the balance to remain controlled for future allocation by the Committee.

Electric Motors : ½ to 9 H.P. - 10 motors allocated to R.N.

Air Compressor -	1 piece	
Concrete mixers -	3 "	
Lime mixers -	5 "	Allocated to D.D.W.
Concrete barrows -	5 "	
Stone crushers -	1 "	
Grinding wheels -	22 "	

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Materials for insulating Electric cables: To be frozen for use of the Central Electricity Board.

Any materials reported to be held by Salvage Depots are to be applied for direct by interested Services to D...D., Salvage.

9. No further items were suggested for the list of priority articles.

/10.....

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10. The prices of oxygen and acetylene gases, fixed by ANC., Region III, were considered. There was no observation on the price of Oxygen. The proposed increase in the price of acetylene gas from 23 lire to 24.9 lire per cubic-metre was accepted. A price for breathing oxygen was requested from A.C.C.

11. There were no demands for Antimony submitted against the stocks at present lying at Fabbrica Accumulatori, Partenope, and these were released for the use of R.E.M.E.

12. Details of the equipment and materials available at the Cellulosa-Chloro-Soda plant, Naples, are attached at Appendix C. Demands of interested Services will be considered at the next meeting.

13. Request from ANG for 75 tons melted cement, 500 cu.metres of Oxygen Gas and 1 ton of Calcium Carbide was passed to C.E., PBS for attention.

14. No requests were submitted by Services for allocation of 3,925 tons of steel ingots 9" x 9" x 90" available at Palermo.

15. A report (Appendix D) on the location of unused high-pressure gas cylinders was received from A.C.C.

16. The next meeting to be held at 09.30 hours, 9 March 1944, in the Conference Room, AFHQ., Adv.Adm. Echelon.

Major J.C. RAISDEN,
Joint Secretary (Am)

Capt. S.J.B. LOUDEN,
Joint Secretary (Br)

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

DISTRIBUTION :-

Copy No.	1	Chairman, L.R. Board.
	2	Vice-Chairman (Am)
	3	Vice Chairman (Br)
	4	DD/C.O.
	5-9	Flag Officer, Western Italy.

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was received from A.C.C.

16. The next meeting to be held at 09.30 hours, 9 March 1944, in the Conference Room, A.FHQ., Adv.Adm. Echelon.

Major J.C. RAMSDEN, Joint Secretary (Am)
Capt. S.J.B. LOUDEN, Joint Secretary (Br)

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

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10-11 HQ., No.3 District.
12 CG., PBS.
13-16 A.A.F.S.C/M.T.O.
17-18 214 Gp. R.A.F.
19-21 A.C.C.
22 DQMG.
23 Q-1.
24 Q-2.
25-28 HQ., AFLRS, A.F.H.Q.
29 DDW (Br)
30 DDOS.
31-32 DGMR.
33 DD TN. (Br)
34 CE., PBS.
35 CE., No.2 District.
36 EPA., PBS.
37 ADW (Stores)
38-47 Local Resources Section.
48 AFLR (Sicilian) Board.
49 AFLR (Sardinian)Board.
50 File.
51-58 Spares.
59-60 MGS (Adv).

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material MISCELLANEOUS. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descri
TCH for caulking.	1 Feb.	Various small manufacturers - reported by XV-AFSC.	Brindisi Melfetta	XV- AFSC.	Tar, Hemp.
XV-AFSC.	1 Feb.	Arturo Ceci	Bari	-	Raw ma
AMG-29	5 Jan.	Colorificio L. Cerioni S.A. Via Achille Consiglio, 3 Resina.	Naples.	AMG/III.	Pigmen
AMG-17	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	N.A.S.	Dry pai Red Bronze Alumini Oils Varnish Paint,
SULPHURIC ACID.		Montecatini Milazzo.	Sicily.	AMG/I.	Sulphu
XV-AFSC.	1 Feb.	Montecatini.	Barletta.	AOD-Bari.	Sulphu
AMG-2182	4 Feb.	Montecatini, Portici Wks. Via Macello Nuovo 4.	Naples.	ADOS.	Sulphu Muriati Nitric
AMG-1403	8 Feb.	Montecatini, Bagnoli Wks. Via Coroglio, 104 Bagnoli.	Naples.	PBS. Transp.	Sulphu

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...EERING MATERIALS COMMITTEE.

Date 9 Feb.44.

Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
Brindisi Molfetta	XV- AFSC.	Tar. Rome.	2 Tons. 1 Ton.	2 tons. 1 ton.
Bari	-	Raw materials for paints.	2 Tons.	2 tons.
Naples.	AAG/III.	Pigments.	2.5 tons.	15 tons with necessary materials.
Naples.	N.A.S.	Dry paint powders. Red Bronze Aluminium Oils Varnishes Paint, mixed	 125 kg. 100 " 12 " 500 " 250 " 35 gal.	
Sicily.	AAG/I.	Sulphuric Acid, 66° Be	150 Tons	Reported for information by Ind. & Comm-ACC.
Barletta.	AOD-Bari.	Sulphuric Acid, 50° Be.	50 Tons.	Some glass carboys available, but few packing baskets
Naples.	ADOS.	Sulphuric Acid, 50 Be Hurintic Acid Nitric Acid	155 Tons (150 ") (10 ")	
Naples.	PBS. Transp.	Sulphuric Acid, 50° Be	396 Tons	
		Total ...	751 Tons.	

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Appendix A. ENGINEERING MATERIALS COMMITTEE.

Material HORSE SHOES. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descripti
XV-AFSC.	1 Feb.	Arturo Ceci	Bari.		Horse sho
		:Sources listed below have been included in preliminary reports to			
	20 Jan.	Treichler, Via Nuova Capodimonte, 84.	Naples.		Horseshoe
	"	Doriani Via Niccolini, 77.	Naples.		"
	"	Papero V.Macedonio Melloni	"		"
	"	Carrino, Salvatore V.Michele Morelli, 24.	"		"
	"	Carrino, Giovanni V.Polveriera Vecchia	"		"
		No source for manufacture of Horse Shoe Nails was discovered in Oc			

Material. TIN. Class Priority.

XV.-AFSC.	1 Feb.	Arturo Ceci.	Bari.	XV-AFSC.	Tin.
		: See also availability report of 10 Jan 1944 - Ti			

BRASS ROD. AMG-17.	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	M.R.S.	Brass ro Hex.& Ro

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TERIALS COMMITTEE.

Date 9 Feb 44

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Bari.		Horse shoes.		20,000 pcs.
have been included in preliminary reports to AFHQ.					
	Naples.		Horseshoes.		1,500/3,000
	Naples.		"		3,000/6,000
	"		"		3,000
4.	"		"		8,000
	"		"		1,500
cture of Horse Shoe Nails was discovered in Occupied Italy.				TOTAL...	37,000 to 41,500 per month.
	Bari.	XV-AFSC.	Tin.	0.4 Tons.	None.
so availability report of 10 Jan 1944 - Tin, page 8.					
	Naples.	M.R.S.	Brass rod, High Tensile Hex.& Round, various sizes.	1 Ton.	

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Appendix ...

ENGINEERING MATERIALS CONSIDERED.

Material STEEL. Class I-A.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descri
	3 Feb.	Base Salvage Depot. Metallurgica Meridionale Sa.	Naples.	DAD/ Salvage.	Steel Reinf
AMG-17.	3 Feb.	Italian State Rly. Yards. Purgatorio.	Naples.	M.R.S.	Struct Angles Square Hex. R Round Pipe
AMG-15	26 Jan.	FBS. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	FBS. Engrs.	Struct Angles Channe Bars, " Rods. Sheet Palin Bandi Nails Pipe, Pipe,
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipio.	Naples.	AMG/III.	Struc Rods, Hexag I-Bea Rail Pipe Steel

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ENGINEERING MATERIALS COMMITTEE.

Date 9 Feb 44.

s.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
pot. ridion-	Naples.	D.A.D/ Salvage.	Steel Blooms Reinforcing rods.	3,025 tons. 4 "	
ly. o.	Naples.	M.R.S.	Structural steel. Angles Squre bars Hex. bars Round bars Pipe	38 tons 5 " 23 " 110 " 47 "	See invent. for details.
t 390 eldi.	Naples.	PBS. Engrs.	Structural steel. Angles. Channels. Bars, flat " square Rods. Sheet, 6 & 7 mm. Total... Baling wire Banding strip Nails, assorted Pipe, misc. sizes up to 4" Pipe, ¾" galvanized.	80 tons. 12 " 20 " 13 " 55 " 14 " 194 " 200 rolls. 700 bundles. 25 tons. small quantity. large quantity.	
Mldg. io.	Naples.	AMG/III.	Structural steel. Rods, 5 mm to 45 mm. Hexagonal, 30 mm. I-Beams Rail Pipe Steel cable.	48 tons 5 " 3 " 13 " - 1/4 " - 1/2 "	

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material STEEL PRODUCTS. Class I - A

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Descrip
AMG/III 1378	28 Jan	S.A. Ferriero Giovanni Geresa via Arenaccia, 32	Naples	AMG/III	Wire fo Nails o
AMG - 17	20 Jan	Ital. State Ry Yards Purgatoria	Naples	M.R.S.	Nails, Screws Bolts Nuts, H Washers Rivets Small T Files Grindin Bits & Taps Shovels Mauls, Anvils Vices Emery c Public C.I. Wa C.I. Pi Gate Va Water H Tar Pot Street

Material ALUMINUM Class I - B

3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Alumin	
					"
					"

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ENGINEERING MATERIALS (Cont'd).

Date 9 Feb 44

	Location	Controlled by	Description of material	Quantity on hand	Monthly Production.
32	Naples	AMG/III	Wire for Nail making	50 Tons	
			Nails assorted	60 Tons	
Yards	Naples	M.R.S.	Nails, assorted	5 Tons	
			Screws "	3000 gross	
			Bolts "	38605 Kegs	
			Nuts, hex "	13715 "	
			Washers "		
			Rivets "		
			Small Tools		
			Files	Fair Quantities	
			Grinding Wheels		
			Bits & Augurs		
			Taps		
			Shovels, Picks, Axes		
			Mauls, Hammers		
			Anvils		
			Vices		
			Emery cloth		
			Public Works Equipment.		
			C.I. Water Mains	Large Quantities	
			C.I. Fittings		
			Gate Valves		
			Water Meters		
			Tar Pots, on wheels, for Street repairs		
epot	Naples	DAD/Salvage	Aluminum Ingot	2½ Tons	
			" Cast Scrap	15 Tons	
			" Aero Scrap	67 Tons	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material ALUMINUM Class I - B

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Descri
	3 Feb	Salvage Depot	Bari	DaD/Salvage	Alumin
	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Alumin Al. S
AMG/III 1371	22 Jan	F.I.C.E. (Elect. Cables) Via Arenaccia 236	Naples	AMG/III	Alumin
AMG - 15	26 Jan	PRS Engrs Depot	Naples	PRS Engrs	Alumi
AMG - 28	8 Feb	Banca d'Italia Bldg Piazza Municipio	Naples	AMG III	Alumi sirpl alumi

Material NON FERROUS METALS Class I - B

ANTIMONY	3 Feb	Base Salvage Depot	Naples	DaD/Salvage	Antimo
MAGNESIUM	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Magnes Thermi
GUNMETAL	3 Feb	Base Salvage Depot	Naples	DaD/Salvage	Gunmet
LEAD AMG - 17	8 Feb	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Lead, Lead 3/16",
	26 Jan	" " " "	Naples	M.R.S.	Lead
	22 Jan	F.I.C.E. via Arenaccia, 236	Naples	AMG/III	Lead, coveri
BRASS	3 Feb	Base Salvage Depot	Naples	DaD/Salvage	Brass,

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ENGINEERING MATERIALS (METALS).

Date 9 Feb 44.

Location	Controlled by	Description of material.	Quantity on hand	Monthly Production
Bari	DuD/Salvage	Aluminum Acro Scrap	175 Tons	
Naples	M.R.S.	Aluminum Wire Al. Sheet 1/16"x8"x8"	2300 Kg. 500 sheets	
Naples	AMG/III	Aluminum Wire	20 Tons	
Naples	PBS Engrs	Aluminum Ingot	0.8 Tons	
Naples	AMG III	Aluminum, scrap Airplane propellors Aluminum strip	 4.6 Tons 0.4 Tons	
B				
Naples	DuD/Salvage	Antimony Rounds	10 Tons	
Naples	M.R.S.	Magnesium powder for Thermit welding	1250 Kg	
Naples	DuD/Salvage	Gunmetal	18 Tons	
Naples	M.R.S.	Lead, pig Lead sheet, in rolls 3/16", ¼", 5/16" thick	10 Tons 35 Tons	
Naples	M.R.S.	Lead Ingot	7 Tons	
Naples	AMG/III	Lead, for cable covering	100 Tons	
Naples	DuD/Salvage	Brass, various forms	307 Tons	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material NON-FERROUS METAL Class I - B

AMG/ACC File.	Date of Survey	Name and address	Location	Controlled by	Descriptio
BRASS AMG - 17	8 Feb	Ital. State Ry. Yards Purgatorio	Naples'	M.R.S.	Pig Brass Pig Bronze
ZINC	8 Feb	" " " "	Naples	M.R.S.	Zinc Sheet 1/16" x 40 1/8" x 40 Zinc cakes
	3 Feb	Base Salvage Depot	Naples	DAB/Salvage	Zinc Ingot Zinc Scrap Zinc Strip
AMG - 15	26 Jan	PBS Engrs Depot 390 390 Corso Garibaldi	Naples	PBS Engrs	Zinc Ingot
Material	COPPER	Class I-B			
	3 Feb	Base Salvage Depot	Naples	DAB/Salvage	Copper, va
AMG/III 1371	22 Jan	F.I.C.E. via Aroneccia, 236	Naples	AMG/III	Copper wir Copper Scr
AMG - 17	20 Jan	Ital. State Ry Yards	Naples	M.R.S.	Copper She 1/16" x 40 1/16" x 36 Heavy Copp Copper Pig Copper Wir 4mm to 17m
Material ECA/189/9	TIMBER 10 Jan	Class II AMG - Region II	Matera	AMG/II	Timber Log Roof Truss

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Location	Controlled by	Description of material	Quantity on hand	Monthly Production
Naples	M.R.S.	Pig Brass	28 Tons	
		Pig Bronze	36 Tons	
Naples	M.R.S.	Zinc Sheet		
		1/16" x 40" x 80"	10 sheets	
		1/8" x 40" x 80"	50 sheets	
		Zinc cakes	6 Tons	
Naples	D.A.D/Salvage	Zinc Ingot	18 Tons	
		Zinc Scrap	20 Tons	
		Zinc Strip, new	4 Tons	
Naples	PBS Engrs	Zinc Ingot	4 Tons	
Naples	D.A.D/Salvage	Copper, various forms	28 Tons	
Naples	A.M.G/III	Copper wire	28 Tons	
		Copper Scrap	12 Tons	
Naples	M.R.S.	Copper Sheets		
		1/16" x 40" x 80"	220 sheets	
		1/16" x 36" x 72"	35 sheets	
		Heavy Copper Plates	10 Tons	
		Copper Pig	25 Tons	
		Copper Wire, stranded, 4mm to 17mm	2+ Tons	
Matera	AMG/II	Timber Logs	300 C.M.	
		Roof Trusses, 7M Span	20 pcs	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material TIMBER Class II

AMG/ACC File.	Date of Survey	Name and address.	Location	Controlled by	Descr
AMG/III 2307	28 Jan	Ditta Fusano Maria & C.I. via Napoli, 7	Benevento	AMG/III	Soft
AMG - 17	24 Jan	Ital. State Ry. Yds Purgatorio	Naples	M.R.S.	Wood 8 to
	1 Feb	Feltrinelli, Guiseppi Montella	Avellino	A.M.G./III	Chest
	31 Dec	S.A.C.A.R., via Capella Vecchia, 31	Naples	AMG/III	Chest Popla Nutwo Fir Walnu
AMG - 15	26 Jan	PBS Engrs Dept 390 390 Corso Garibaldi.	Naples.	PBS.Engr.	Plywo

Material. ASBESTOS-CEMENT. Class III.

EC4/189/9	10 Jan.	AMG.Region II Bergio,Caserta, Catanzaro provinces.	Matera	AMG/II	Asbes Shee " Ridge
AMG-17	5 Feb.	Italian State Rly. Yard. Purgatorio.	Naples.	M.R.S.	Asbes Diam. 25 m 32 45 75 100 120 130 150 200 250

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ENGINEERING MATERIALS COMMITTEE.

Date 9 Feb 44.

	Location	Controlled by	Description of material.	Quantity on hand	Monthly production
& C.I.	Benevento	AMG/III.	Soft & Hard Wood	100 C.M.	
a	Naples	M.R.S.	Wood pol Poles. 8 to 12 M long.	2000 pcs.	
ppi	Avellino	A.M.G./III	Chestnut Plank	280 C.M.	reported to DDW .1 Feb
a, 31	Naples	AMG/III	Chestnut boards Poplar " Nutwood " Fir " Walnut, etc	200 C.M. 35 C.M. 45 C.M. 100 C.M. 30 C.M.	Able to produce joinery, furniture etc.
0 1.	Naples.	PBS.Engr.	Plywood, 1.5 x 2.0 m.	500 pcs.	
tan-	Matera	AMG/II	Asbestos Cement. Sheets, flat 1 mx1m " corrugated 1 x 2.5 Ridge tiles.	4000 pcs. 1000 pcs 1000 pcs.	
	Naples.	M.R.S.	Asbestos Cement Pipe. Diam. / Length. 25 mm / 2 m. — 1750 pcs. 32 " / 2 " — 3670 " 45 " / 2 " — 2400 " 75 " / 3 " — 120 " 100 " / 4 " — 150 " 120 " / 4 " — 50 " 130 " / 5 " — 86 " 150 " / 4 " — 590 " 200 " / 4 " — 236 " 250 " / 4 " — 182 "		

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material. PLUMBING SUPPLIES. Class III.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descriptio
AMG-15	26 Jan.	PES. Engr. Depot 390 390 Corso Garibaldi.	Naples.	PES. Engrs.	Pipe fitti Valves, 1¼" Lavatories
AMG-17		Italian State Rly. Yard Purgatorio.	Naples.	M.K.S.	Pipe fitti Float valv Faucets. S Water mete
AMG-28	3 Feb.	Banca d'Italia Bldg. Piazza Municipia.	Naples.	AMG/III.	Electric M Air compre Concrete M Lime Mixers Concrete b Stone crus Grinding wh
Material. MISCELLANEOUS. Class IV.					
LEATHER BELTING.	25 Jan.	Magaldi Salerno.	Salerno.	AMG/II.	Leather be
INSULATING MATERIALS. AMG/III 1371	22 Jan.	F.I.C.E. Via Arenaccia, 256.	Naples.	AMG/III.	Materials Insulating Ingredient Paper cove Rayon & Li Ingredient cables. Ditto for
ROOFING PAPER. AMG-15.	26 Jan.	PES. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PES. Engrs.	Roofing pe
PIPE COVERING.	26 Jan.	" " "	"	"	Asbestos P

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ENGINEERING MATERIALS COMMITTEE.

Date c Feb. 44.

Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	PBS. Engrs.	Pipe fittings, $\frac{1}{4}$" to $1\frac{1}{2}$" Valves, $1\frac{1}{4}$" to $2\frac{1}{2}$" Lavatories & Sinks.	Small stock. " " 30 pcs.	
Naples.	M.R.S.	Pipe fittings, brass, small sizes. Float valves Faucets. Spiggots. Water meters, small.	Large stock.	
Naples.	AMG/III.	Electric Motors, from $\frac{1}{4}$ to 9 h.p. Air compressor Concrete Mixers Lime Mixers Concrete barrows Stone crusher Grinding wheels.	58 motors. 1 pcs. 38 " 5 " 5 " 1 " 22 "	
Salerno.	AMG/II.	Leather belting.	Not given.	Reported to be manufacturing belting at present from leather stock on hand.
Naples.	AMG/III.	Materials for insulating Electric Cables. Insulating mixture Ingredients for Insulating mixt. Paper covering Rayon & Linen Ingredients for impregnating cables. Ditto for pipe	25 Tons. 80 " 50 " 50 " 10 " 20 "	
Naples.	PBS. Engrs.	Roofing paper.	84 rolls.	
"	"	Asbestos Pipe Covering.	75 boxes.	

APPENDIX "B"

APPENDIX "B"

Appendix "B" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

MINUTES OF INDUSTRIAL GASES SUB-COMMITTEE

1. This sub-committee meeting was held at Adv. Admin. Sch., APHQ, at 14.30 hours 22 Jan 44.

Present:-	Col. W.T. Cobb	Ord (Br)
	Major R.E. Macdonald	Engineer Section, PBS.
	Major R.N.J. Burgess	Ord (Br)
	S/Ldr. Symes	HQ, 214 Gp. R.A.F.
	Capt. W.E. Mydans	AMG/ACC

The M.A.A.F. representative did not attend.

2. The sub-committee considered the subject of the provision of gases as a whole divided into sections by gases.

3. OXYGEN:

The report submitted by Capt. Mydans was studied and after general discussion it was agreed that requirements of oxygen be considered under two headings, (a) commercial and (b) breathing.

(a) It was considered that the total production of plants now operating was required for commercial oxygen.

(b) It was considered that the only satisfactory sources of breathing oxygen were mobile plants in possession of R.A.F. units and the Taranto plant. These sources are quite inadequate to produce the quantity of gas demanded by M.A.A.F. - now reduced to 7,000,000 cu.ft.

(c) It was also stated that whilst M.A.A.F. were asking for vast quantities of oxygen, no recommendations had yet been forthcoming from them to suggest any method of producing their requirements.

(d) It was unanimously agreed that only by putting the CROTONE plant into operation could the quantity of breathing oxygen demanded by MAAF be produced in that part of Italy under Allied control.

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(c) It was also stated that whilst M.A.A.F. were asking for vast quantities of oxygen, no recommendations had yet been forthcoming from them to suggest any method of producing their requirements.

(d) It was unanimously agreed that only by putting the CROTONE plant into operation could the quantity of breathing oxygen demanded by MAAF be produced in that part of Italy under Allied control.

(e) It was decided that M.A.A.F. be asked to assume full responsibility for CROTONE and that Capt. Mydans be made available to them for the submission of a detailed report on the work necessary before the filling of oxygen cylinders at CROTONE can be undertaken should M.A.A.F. have no technician available for this purpose.

4. CROTONE:

The following points from Capt. Mydans' preliminary report were emphasised:

(a) Production

Capacity up to 10,000,000 cu.ft. per month, 99.5% pure.

(b) Requirements

(i) Electric power: Approx. 450,000 KWH for each 1,000,000 cu.ft. of oxygen produced.

(ii) Suitable compressors - M.A.A.F. cylinders are filled at a pressure of 2,200 lbs. per sq.in.; R.A.F. cylinders at 3,600 lbs. per sq.in.

(iii)/

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(iii) Repairs to gasometer.

(iv) Construction of cylinder-filling racks.

(v) Raw materials: 5 tons of Caustic Potash monthly.

(c) The hydrogen by-product could be partially utilised in metal cutting in demolition work and so reduce the requirement of acetylene.

(d) As medically pure oxygen is equally well suited for commercial use any surplus from CROTONE above M.A.A.F. requirements would be available for other sources.

(e) The work could be completed within one month if tackled with sufficient energy.

5. ACETYLENE:

The production from plants and requirements of services were reviewed and the following points are recorded:

(a) It was stated that production was still 33.1/3% below present requirements.

(b) It was reported by Ord (Br) that despite the fact that "Q" authority had been given for the work to be carried out on a high priority no steps had been taken to date by Works Services, 2 District, to construct the second acetylene-filling plant at Castellammare.

(c) Major Macdonald stated that it might be possible for U.S. Engineers to assist with this work if no assistance was forthcoming from Works Services, and it was agreed that Majors Macdonald-Burgess should discuss this question further.

(d) It was recommended that low pressure generators be employed in all static installations such as Base Workshops, in order to ease the strain on plant production and to reduce the number of cylinders at present required to begin circulation.

Low pressure generators were reported to be available in Naples from local manufacture.

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Low pressure generators were reported to be available in Naples from local manufacture.

(e) It was recommended that in view of difficulties experienced in transporting cylinders from Taranto, R.A.F. requirements for Western Italy should be drawn from Ord (Br) in the Naples area. This was mutually agreed between R.A.F. and Ord (Br) and detailed arrangements will be made by the respective reps. Suitable reductions will be made in R.A.F. demands for Eastern Italy.

6. GENERAL:

The effect on gas production of the frequent failures of electric power in the Naples Area was mentioned. It was stated by Capt. Mydans that an alternative power supply for plants was essential if the considerable loss in production now being experienced was to be avoided.

It was stated by Major Macdonald that mobile generating sets were available for plants under U.S. control in the event of electrical breakdowns.

Ord (Br) reported that it should be possible for the Castellammare plants to be linked up with the GASLINI factory at Castellammare and undertook to apply to Works Services for this to be arranged.

(Sgd.) R.N.J. BURGESS MAJOR,
SECRETARY, INDUSTRIAL GASES SUB-COMMITTEE,
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

27 JAN 44

Declassified E.O. 12356 Section 3.3/NND No. 779016

Item Three of Appendix "B"

ADDENDUM

1. It is recorded that since the meeting of the sub-committee on 22 Jan 44 a meeting has occurred between Capt. Morrell, R.N., representing FOWIT, and Major Burgess, Ord (Br).

2. It has been agreed:

(a) That the production of the Oxygen plant at Catania shall be placed at the disposal of R.N. for issues of cylinders on a one-for-one (filled-for-empty) basis.

(b) That R.N. will arrange for the delivery by L.C.T. to Catania of empty cylinders and collection of filled cylinders in exchange.

(c) That R.N. will also collect ex Catania and deliver to Naples for Ord (Br) all filled oxygen cylinders held under military control in Catania surplus to local requirements.

(d) That the repair of cylinders be undertaken under Naval supervision in the workshops of Navale Meccanica, Naples.

(e) That R.N. will assist in the construction of the second acetylene plant at Castellammare if assistance is required.

3. R.N. are prepared to co-operate with M.A.A.F. in the work required at CROTONE for the establishment of a cylinder-filling plant.

4. Capt. Morrell has been invited to attend future meetings of the Industrial Gases Sub-Committee as representative of FOWIT.

5. It can now be reported that considerable progress has been made within the past few days on the extension to the existing acetylene plant at AVIS CAPRONI, Castellammare.

6. It is hoped to complete this work within the next 14 days to permit of the bottling of 75 standa rd British cylinders daily - equivalent to 206,230 cu.ft. per month.

7. This represents a n increase of almost 100 per cent on production as reported for this plant in the minutes of the sub-committee's meeting on 27 Dec 43.

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plant at Castellammare if assistance is required.

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APPENDIX C to Minutes of Engineering Materials Committee meeting held 11 Feb.44.

24 January 1944.

REPORT ON VISIT TO CELLULOSA-CHLORO-SODA PLANT

Submitted by: Capt. W.H. Aydons.

I. GENERAL. Dr. Cotenn - Acting Manager. 142,000,000 lire invested in Naples plant.

II. PRODUCTION. Plant formerly produced the following materials:

Caustic soda, both in solution and fused.
Chlorine gas.
Hydrogen gas.
Hypochlorite of lime.
Hydrochloric acid.
Purified cellulose from straw or esparto.

III. PLANT. The plant is so thoroughly destroyed by German demolition mines that no part of it can be considered useful beyond salvage or cannibalisation of isolated equipment or materials of value to Allies.

A. Electrical Equipment: destruction of transformers, converters (motor-generator units), switch gear, and auxiliary facilities complete: salvage scrap copper and steel.

B. Electrolytic cells: many are good or repairable, but cells without electrical equipment, gas-handling compressors, etc. are valueless. The cells have very little salvage value, aside from much copper in bus-bar leads.

C. Hydrogen Compressors. Three in number. Management claims that they are good and can be assembled. This appears doubtful, since parts of these disassembled machines were distributed haphazardly over a wide area and exposed to the weather. Efforts of the management to preserve this valuable machinery should be characterised as worse than apathetic. These compressors were designed to compress gas to 150 $Kg/cm.^2$ (2,200 lbs per sq. inch).

D. Chloride of Lime (Hypochlorite of Lime) plant: 8 chambers of 3 mm. lead, each 400 cu. meter capacity (2 x 10 x 20 meters). The condition of these chambers varies from good to destroyed, and they can be considered as a source of sheet lead.

E. Paper producing plant:

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A. Electrical Equipment: [illegible] (motor-generator units), switch gear, and auxiliary facilities complete: salvage scrap copper and steel.

B. Electrolytic cells: many are good or repairable, but cells without electrical equipment, gas-handling compressors, etc. are valueless. The cells have very little salvage value, aside from much copper in bus-bar leads.

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D. Chloride of Lime (Hypochlorite of Lime) plant: 8 chambers of 3 mm. lead, each 400 cu. meter capacity (2 x 10 x 20 meters). The condition of these chambers varies from good to destroyed, and they can be considered as a source of sheet lead.

E. Paper producing plant:

1. Huge pulp digesters of heavy steel appear intact (ca 3½ m. diam. x 7 m. deep.)
2. Most of paper making machinery is suitable only for salvage and scrap.

F. Machine Shop: Small and inadequate for so large a plant. Most of the machines are undamaged but are archaic.

G. Additional Materials.

1. Large coal stock pile estimated in the order of 1,000 tons. One large pile near the gate is Sardinian coal. Several piles near boiler house are Silesian, Sardinian and mixed Silesian-Sardinian.

2. Large stock of new wooden barrels ranging from half hogsheads down to small barrels. These were uncounted but estimated at several hundred.

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3. Considerable stock of cut lumber, suitable for packing box manufacture: circa 1 m. x 1.5 cm. x 30 cm.

4. Large number of valuable high pressure oxygen and hydrogen cylinders. N.B. Hydrogen cylinders, properly cleaned, tested and fitted with new valves, may be used for oxygen storage. The demand for oxygen cylinders is expected to grow acute as production of that gas mounts.

(a) about 50 large German-made hydrogen cylinders of 76 litre capacity at 160 Kg/$\frac{2}{cm.}$
(b) about 60-70 hydrogen cylinders of approximately one half capacity of (a).
(c) about a dozen or more oxygen cylinders in and around machine shop.

N.B. Valuable cylinders are scattered all over the plant, even high in the wreckage of the paper plant. Little effort has been made by the management to gather valuable materials together.

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5. Two gasometers for hydrogen:
   (a) Large one of concrete, estimated at 5,000 cu. meter capacity, totally wrecked.
   (b) Smaller steel gasometer of ca. 500 cu. meter capacity: is repairable.

6. Large number of electric motors of varying size and H.P. are available, many with valuable built-in gear reduction boxes.

7. Of 5 electrically driven cellulose centrifuges, 3 appear to be undamaged.

8. There are several undamaged overhead track hoists of varying tonnage scattered about the plant.

9. There is a considerable stock of scrap copper wire and bus-bars stored in what was the office building.

IV. COMMENTS AND RECOMMENDATIONS:

A. This plant and its contents are now frozen by AMG Region III.

B. So completely destroyed is this plant that no consideration should be given its rehabilitation. Extensive cannibalization of salvagable material and equipment should be made in the interests of the Allied effort.

C. The attitude of the management appeared somewhat less co-operative than could be desired, and this inspecting officer came away with a feeling that the management was neither too anxious to help us nor very diligent in the care and safeguarding of such plant assets as remain. The situation of the hydrogen compressors gives point to this observation: the management contends that the compressors and electric motor drives were undamaged, yet the compressors were all disassembled and scattered about the landscape and the motors were not in evidence. The conclusion was inescapable that this state of affairs is deliberately intended to discourage Allied organisations from requisitioning and taking away any assets.
Further, when another officer (U.S.) who was present pressed the management as to their position relative to sale or lease of equipment to U.S. or British Armies, they were most emphatic that they would not do so voluntarily.

D. In view of the attitude described in (C) above, it is recommended that diligence be exercised to prevent destruction, disappearance or injury to such assets as remain.

E. Small gasometer should be earmarked for one of Army oxygen or acetylene plants (see III C5 above).

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E. Small gasometer should be earmarked for one of Army oxygen or acetylene plants (see III C5 above).

F. Hydrogen compressors and motors should be earmarked, if found reasonably complete, for Crotone Plant for gas handling. (see IIIC).

G. All high pressure gas cylinders should be collected and transferred to some proper army agency for immediate disposition and use. Action is urgent.

H. The overhead track hoists should be dismantled and removed for use elsewhere (see III C 6 above).

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APPENDIX "D"

Appendix "D" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

SUBJECT: Compressed Gases Cylinders

To:- Local Resources Section,
AFHQ Adv. Adm. Sch.

Unused high pressure gas cylinders have been observed in the following places, by representative of ACC (Ind. & Commerce):-

A. Cellulosa-chloro-soda plant, Naples.

1. 50 German made hydrogen cylinders
76 litre (water) capacity 225 Kg. per cm^2.

2. 60-70 hydrogen cylinders of approximately half capacity of 1.

3. About 12 oxygen cylinders in workshop.

B. Industre Meridiona li Azoto & Derwati, Naples.

(Via Traccia Poggioreale) - PBS, Engrs. 102

Balloon Barrage Battery

41 Hydrogen cylinders. Identical with A.1 above.

C. Avis Caproni Works, Castellamare.

British Ordnance Acetylene plant.

50 large British hydrogen cylinders.

D. Applicazione Soldatura Autogeni, Castellamare.

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1. 50 German made hydrogen cylinders
   76 litre (water) capacity 225 Kg. per cm^2.

2. 60-70 hydrogen cylinders of approximately half capacity of 1.

3. About 12 oxygen cylinders in workshop.

B. Industre Meridiona li Azoto & Derwati, Naples.

(Via Traccia Poggioreale) - PES, Engrs. 102

Balloon Barrage Battery

41 Hydrogen cylinders. Identical with A.1 above.

C. Avis Caproni Works, Castellamare.

British Ordnance Acotylene plant.

50 large British hydrogen cylinders.

D. Applicazione Soldatura Autogeni, Castellamare.

40 U.S. Army Hydrogen cylinders
15 German Hydrogen cylinders
About 35 hydrogen cylinders similar to A.1 above

(Sgd.) A.S. AUSTIN,
CAPTAIN,
ENGINEERING MATERIALS COMMITTEE.

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APPENDIX "E"

APPENDIX "E"

Appendix "E" to Minutes of
Engineering Materials Committee
Meeting held 11 February 1944

SUBJECT:- Extracts from Report on Montecatini plant at CROTONE, submitted by Capt. W.E. Mydans, HQ AMG. - 23 Dec 43

TO:- Industrial Gases Sub-Committee, AFLR (Italian) Board.

FROM:- ACC/AMG member of Industrial Gases Sub-Committee

1. Electrical Transformer and Converter Station:

A. Electric power is purchased from Soc. Meridionale Elettrica in two circuits which can furnish 800,000/1,000,000 KWH of power per day. Present power contract runs until 1950, calls for minimum of 300,000,000 KWH per annum at 0.05 lire per KWH. The power is generated hydro -electrically at Timpa Grande, some 40 km. by wire from the plant.

About 85% of the power is transformed and converted to direct current of 500 volts for use in the electrolytic cells. The remaining 15% of the power is transformed to 500 volts A.C. and is used for plant power.

B. Equipment: All of the transformers and all but one of the converters are in good and operative condition. One Oerlikon Converter of 4,000 KW capacity has a burnt commutator which cannot be repaired at the plant.

C. Immediate Requirements: Repair of roof.

2. The Hydrogen/Oxygen Plant:

Hydrogen and oxygen are generated by the electrolysis of caustic potash solution (25%). This method is employed because large amounts of cheap electric power are available.

There are 8 batteries of electrolytic cells of which two are badly damaged by bombing and are inoperative, leaving 6 operative batteries. One will be held as a spare to permit necessary repairs, leaving 5 batteries for continuous operation.

Production with 5 batteries operating full will be about 3,000 cu.metres of Hydrogen gas and about 1,500 cu.metres of oxygen gas per hour.

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~~2 Km. by wire from the plant.~~

About 85% of the power is transformed and converted to direct current of 500 volts for use in the electrolytic cells. The remaining 15% of the power is transformed to 500 volts A.C. and is used for plant power.

B. Equipment: All of the transformers and all but one of the converters are in good and operative condition. One Oerlikon Converter of 4,000 KW capacity has a burnt commutater which cannot be repaired at the plant.

C. Immediate Requirements: Repair of roof.

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There are 8 batteries of electrolytic cells of which two are badly damaged by bombing and are inoperative, leaving 6 operative batteries. One will be held as a spare to permit necessary repairs, leaving 5 batteries for continuous operation.

Production with 5 batteries operating full will be about 3,000 cu.metres of Hydrogen gas and about 1,500 cu.metres of oxygen gas per hour.

The Hydrogen Gasometer of 5,000 cu-metres capacity is entirely destroyed. The Nitrogen gasometer of 5,000 cu.metres is repairable.

Requirements: (a) Distilled Water. about 250 cu.metres per 24 hours, which requires about 25 m. tons of coal per day for its production.

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(b) The caustic potash output from caustic potash plant is used here.

(c) Four 150 cu.metre barrage ballons to act as temporary gas holders for hydrogen to replace the gasometer destroyed by bombing.

N.B. The R.A.F. is now taking about 1,000 cu.metres of hydrogen per day (and have an agreement to take up to 2,000 cu.metres per day) for balloon purposes. This demand for hydrogen should not be disturbed. They have installed their own compressor and auxiliary equipment.

8. Distilled Water:

Large modern facilities, adequate for all needs of plant, and undamaged.

Distilled/

Distilled water is essential for the operation of the electrolytic cells for oxygen production, and some 15 tons of coal per day will be required for this purpose.

9. Electrolytic Caustic Potash Plant:

Plant is modern and essentially undamaged and consists of 12 cells, of which 10 are normally operated in series with two as spares or under repair.

Much of the mercury required as cathode was sent north prior to Allied invasion, and only enough is now on hand to operate 5 cells. Each cell requires 1.5 m. tons of mercury for operation.

Each cell consumes between 800 - 1000 KWH per 24 hours, and converts 4.5 quintals of high quality potassium chloride (98% KCl formerly secured from Germany and Spain) into 3 quintals of Caustic Potash in dilute water solution.

N.B. 1. The entire output of this plant is utilised in the hydrogen-oxygen electrolysis plant. None is available for sale.

2. The product of this plant is not dry caustic potash suitable for shipment, but a dilute water solution of 30° Be.

3. On hand are about 325 tons of Potassium Chloride (KCl) which will be adequate for about 5 months of operation, using but five electrolysis cells.

By-products of Caustic Potash Operations:

1. About 48 cu.metres of hydrogen gas are produced by each cell per 24 hours. This gas production is normally mixed with the main hydrogen supply.

2. About 48 cu.metres of chlorine gas are produced by each cell per 24 hours. This gas has, in the past, been thrown away. With 5 cells in operation, 240 cu.metres of chlorine gas will become available, but without equipment with which to dry and liquefy it and without pressure cylinders for shipment.

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APPENDIX "F"

APPENDIX "F"

Appendix "F" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

SUBJECT:- Oxygen Plant

8 February 1944

TO:- Chairman, Industrial Gases Sub-Committee,
Allied Force Local Resources (Italian) Board.

FROM:- HQ, ACC (Industry & Commerce)

1. A new and unfinished plant has been discovered which was designed to produce ammonia by the synthetic process: Industrie Meridionali Azoto & Derivati, located at Via Traccia Poggireale, Naples. Present in this establishment is a complete plant for the liquefaction of air to produce the nitrogen needed in the process. It is the opinion of our expert that this plant might be completed and operated for the production of very large amounts of oxygen.

2. This plant is now under the control of PBS Engineers.

3. In accordance with para.3(e) of Minutes of Industrial Gases Sub-Committee Meeting, 22 January 1944, it is suggested that M.A.A.F. be informed and asked to look into this matter. Capt. Mydans will assist in every way possible.

By command of Lieut.General MACFARLANE

(Sgd.) W.P. EVANS COLONEL,
DIRECTOR,
INDUSTRY & COMMERCE SUB-COMMISSION.

APPENDIX G to Minutes of Engineering Materials Committee meeting held 11 FEB. 44.

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

Schedule No. 1 - CONTROLLED ITEMS - 26 JANUARY 1944.

GROUP 1 (a) METALS - FERROUS.

1. Billets and Ingots.
2. Cable and wire.
3. Machine and tool steel.
4. Structural steel.
5. Steel of all kinds.

GROUP 1 (b) METALS - NON-FERROUS.

6. Aluminium.
7. Antimony.
8. Brass.
9. Copper.
10. Chromium.
11. Lead in all forms.
12. Pure Mercury.
13. Molybdenum.
14. Monel metal.
15. Nickel.
16. Solder.
17. Tin.
18. White metal for bearings.

GROUP 2. TIMBER.

19. Balk Timber over 6" x 6"
20. Constructional timber-smallest dimension /3" up to 6"x 6".
21. Logs.
22. Plywood.
23. Sleepers - RR Ties.
24. Structural material-smallest dimension under 3".

GROUP 3. OTHER BUILDING MATERIALS.

25. Cement.
26. Paint.
27. Pigments for paint.
28. Varnish.

GROUP 4. MACHINERY & PLANT.

29. Belting.

GROUP 5. ELECTRICAL MATERIALS.

30. Accumulators.
31. Batteries.
32. Copper and Aluminium
33. E.L. Bulbs.
34. E.L. Fittings.
35. Insulators/conductors.
36. Jointing composition.
37. Motors.
38. Portable generators.
39. Sulphuric Acid.
40. Switch gear.
41. Transformers.
42. Transformer oil.
43. Welding rods.
44. Wires and cables.

Declassified E.O. 12356 Section 3.3/NND No. 785016

18. White metal for bearings.

GROUP 2. TIMBER.

19. Balk Timber over 6" x 6"
20. Constructional timber-smallest dimension /3" up to 6"x 6".
21. Logs.
22. Plywood.
23. Sleepers - RR Ties.
24. Structural material-smallest dimension under 3".

GROUP 3. OTHER BUILDING MATERIALS.

25. Cement.
26. Paint.
27. Pigments for paint.
28. Varnish.

GROUP 4. MACHINERY & PLANT.

29. Belting.

GROUP 5. ELECTRICAL MATERIALS.

30. Accumulators.
31. Batteries.
32. Copper and Aluminium
33. E.L. Bulbs.
34. E.L. Fittings.
35. Insulators/conductors.
36. Jointing composition.
37. Motors.
38. Portable generators.
39. Sulphuric Acid.
40. Switch gear.
41. Transformers.
42. Transformer oil.
43. Welding rods.
44. Wires and cables.

GROUP 6. INDUSTRIAL GASES.

45. Acetylene.
46. Ammonia.
47. Bottles and containers.
48. Oxygen.

GROUP 7. MISCELLANEOUS.

49. Caustic Soda.

::::::::::::::::::

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Copy No.

AFHQ., ADV.ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 7/2/LR.

13 February 1944.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES.

1. The fifth meeting of the Engineering Materials Committee was held at 09.30 hours, 11 February 1944, in the Conference Room, AFHQ Adv.Adm. Echelon.

Present:- Brigadier D.L. ANDERSON, DDW FLAMBO - Chairman

Representatives of :- RN (FOWIT)
DDW, FLAMBO
CE., PBS.
DGMR.
MAFSC/MTO.
214 Gp. R.A.F.
MGS (Adv)
ORD (Br)
ACC
TN (Br)

2. The Minutes of the last meeting of 14 January 1944 were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 31 January 1944.

4. The list of Controlled Items previously submitted to the Board was reviewed and the revised list is submitted herewith as Appendix G.

5. A report of the Industrial Gases Sub-Committee was received (Appendix B) together with a report from ACC on the Montecatini Plant, CROTONE (Appendix E).

M.A.A.F. indicated there would be considerable difficulties in putting the Crotone plant into operation. The Committee decided that, as the only satisfactory sources of Breathing Oxygen at present were quite inadequate to produce the quantity of gas demanded by M.A.A.F.- namely 7,000,000 cu.ft. per month, M.A.A.F. and A.C.C. must again seriously investigate the possibility of putting the Crotone Industrial Gases Plant into operation at an early date, and report their findings to the next meeting.

A.C.C. reported (Appendix "F") the existence of an additional plant in the

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2. The Minutes of the last meeting of 14 January 1944 were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 31 January 1944.

4. The list of Controlled Items previously submitted to the Board was reviewed and the revised list is submitted herewith as Appendix G.

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A.C.C. reported (Appendix "F") the existence of an additional plant in the Naples area and M.A.A.F. and A.C.C. were requested to investigate the possibilities of using this plant or its equipment to meet their requirements.

6. The Royal Navy reported that R.E.M.E. had now taken over the Ansaldo Works, Pozzuoli, and that any gas cylinders at the plant were under military control. It was decided that no allocation of the cylinders would be made at present.

7. Previous allocations of Timber, Cement and Industrial Gases were discussed and the Committee decided that no change was necessary. Ord (Br) reported that acetylene production was now approaching requirements and Oxygen production was being further investigated as indicated in para 5 above.

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8. A report on availabilities of priority items listed at the last meeting (Appendix A) was submitted by A.C.C. and the following allocations were made :-

Pitch for caulking	allocated to	D.C.M.R.
Raw materials for paints	" "	ORD (Br)
Pigments and dry paint powders	" "	RN and PBS.

Sulphuric Acid : A.C.C. were asked to reserve the 150 tons reported available in Sicily for allocation by the Committee at a later meeting.
Allocations from stocks in Italy were made to meet one month's requirements as follows :-

34.31

/PBS .....

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PBS	-	115	Tons
R.A.F	-	1	"
ORD (Br)	-	26	"
MI	-	5	"
DGMR	-	5	"

Interested Services were requested to submit their requirements for the month of April to Local Resources Section by 6 March 1944.

Horseshoes: It was decided that as all Services interested in horseshoes were not represented on the Engineering Materials Committee, this subject could be better handled by the Miscellaneous Purposes Committee.

Tin 0.4 tons allocated to ORD (Br)
Brass rod 1 ton " " R.N.

Steel rods 5 mm to 45 mm.	48 tons	allocated to R.N.
I Beams	3 "	" " D.D.W.
Steel cable	½ "	" " R.N.
Wire for nail making and nails assorted	110 "	" " D.D.W.
Public works equipment		" " Naples City, AMG.
Aluminium wire	20 "	" " C.E.; PBS.
Lead for cable covering	100 "	to be frozen by A.C.C. for use of Central Electricity Board.
Copper wire	28 "	" " " "
Copper scrap	12 "	" " " "
Copper sheets: 1/16" x 40" x 80"	220 sheets	To be divided by mutual arrangement between PBS., MI and DDW.
1/16" x 36" x 72"	35 "	
Copper wire-stranded 4 mm to 17 mm	24 tons	to be frozen by A.C.C. for use of the Central Electricity Board.
Timber logs	300 cu.m	allocated to
Roof trusses	20 pieces	D.D.W.
Soft and hard wood	100 cu.m.	" " "
Chestnut plank	280 cu.m.	" " "
Chestnut boards		
Poplar "		
Nutwood "	Total 410 cu.m.	Allocated to D.D.W.

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I Beams	3	"	" " D.D.W.
Steel cable	½	"	" " R.N.
Wire for nail making and nails assorted	110	"	" " D.D.W.
Public works equipment			" " Naples City, AMG.
Aluminium wire	20	"	" " C.E., PBS.
Lead for cable covering	100	"	to be frozen by A.C.C. for use of Central Electricity Board.
Copper wire	28	"	" " " "
Copper scrap	12	"	" " " "
Copper sheets: 1/16" x 40" x 80"	220	sheets	To be divided by mutual arrangement between PBS., RF and DDW.
1/16" x 36" x 72"	35	"	
Copper wire-stranded 4 mm to 17 mm	24	tons	to be frozen by A.C.C. for use of the Central Electricity Board.
Timber logs	300	cu.m	Allocated to
Roof trusses	20	pieces	D.D.W.
Soft and hard wood	100	cu.m.	" " "
Chestnut plank	280	cu.m.	" " "
Chestnut boards			
Poplar "			
Nutwood "	Total 410	cu.m.	Allocated to D.D.W.
Fir "			
Walnut, etc"			

Asbestos cement: Sheets flat 1 m. x 1 m.	4000	pieces	
Sheets corrugated 1x2.5	1000	"	Allocated
Ridge Tiles	1000	"	to NAAF.

Asbestos cement pipes: 750 lineal metres allocated to Naples City, AMG., the balance to remain controlled for future allocation by the Committee.

Electric Motors : ½ to 9 H.P. - 18 motors allocated to R.N.

Air Compressor -	1	piece	
Concrete mixers -	3	"	
Lime mixers -	5	"	Allocated to D.D.W.
Concrete barrows -	5	"	
Stone crushers -	1	"	
Grinding wheels -	22	"	

Materials for insulating electric cables: To be frozen for use of the Central Electricity Board.

Any materials reported to be held by Salvage Depots are to be applied for direct by interested Services to D...D., Salvage.

9. No further items were suggested for the list of priority articles.

/10.....

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10. The prices of oxygen and acetylene gases, fixed by AMG., Region III, were considered. There was no observation on the price of Oxygen. The proposed increase in the price of acetylene gas from 23 lire to 24.9 lire per cubic-metre was accepted. A price for breathing oxygen was requested from A.C.C.

11. There were no demands for Antimony submitted against the stocks at present lying at Fabbrica Accumulatori, Portempe, and these were released for the use of R.E.M.E.

12. Details of the equipment and materials available at the Cellulosa-Chloro-Soda plant, Naples, are attached at Appendix C. Demands of interested Services will be considered at the next meeting.

13. Request from AMG for 75 tons melted cement, 500 cu.metres of Oxygen Gas and 1 ton of Calcium Carbide was passed to C.E., PBS for attention.

14. No requests were submitted by Services for allocation of 3,925 tons of steel ingots 9" x 9" x 90" available at Palermo.

15. A report (Appendix D) on the location of unused high-pressure gas cylinders was received from A.C.C.

16. The next meeting to be held at 09.30 hours, 9 March 1944, in the Conference Room, AFHQ., Adv.Adm. Echelon.

Major J.C. RAMSDEN, Joint Secretary (Am)

Capt. S.J.B. LOUDEN, Joint Secretary (Br)

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	12	CG., PBS.

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Major J.C. RAMSDEN, Joint Secretary (Am)

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12	CG., PBS.
13-16	AAFSC/MTO.
17-18	214 Gp. R.A.F.
19-21	A.C.C.
22	DQMG.
23	Q-1.
24	Q-2.
25-28	HQ., AFLRS, AEHQ.
29	DDW (Br)
30	DDOS.
31-32	DGMR.
33	DD TN. (Br)
34	CE., PBS.
35	CE., No.2 District.
36	EPA., PBS.
37	ADW (Stores)
38-47	Local Resources Section.
48	AFLR (Sicilian) Board.
49	AFLR (Sardinian) Board.
50	File.
51-58	Spares.
59-60	MGS (Adv).

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material MISCELLANEOUS. Class Priority.

AMC/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descripti
TPH for caulking.	1 Feb.	Various small manufacturers - reported by XV-AFSC.	Brindisi Molfetta	XV- AFSC.	Tar. Hemp.
XV-AFSC.	1 Feb.	Arturo Ceci	Bari	-	Raw mater
AMG-29	5 Jan.	Colorificio L.Cerianni S.A. Via Achille Consiglio, 3 Resina.	Naples.	AMG/III.	Pigments.
AMG-17	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	M.R.S.	Dry paint Red Bronze Aluminium Oils Varnishes Paint, mi
SULPHURIC ACID.		Montecatini Milazzo.	Sicily.	AMG/I.	Sulphuric
XV-AFSC.	1 Feb.	Montecatini.	Barletta.	AOD-Bari.	Sulphuric
AMG-2182	4 Feb.	Montecatini, Portici Wks. Via Macello Nuovo 4.	Naples.	ADOS.	Sulphuric Muriatic Nitric A
AMG-1403	8 Feb.	Montecatini, Bagnoli Wks. Via Coroglio, 104 Bagnoli.	Naples.	PBS. Transp.	Sulphuric

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ENGINEERING MATERIALS COMMITTEE.

Date 9 Feb.44

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
- ted	Brindisi Molfetta	XV- AFSC.	Tar. Hemp.	2 Tons. 1 Ton.	2 tons. 1 ton.
	Bari	-	Raw materials for paints.	2 Tons.	2 tons.
oni na.	Naples.	AMG/III.	Pigments.	2.5 tons.	15 tons with necessary materials.
	Naples.	M.M.S.	Dry paint powders. Red Bronze Aluminium Oils Varnishes Paint, mixed	 125 kg. 100 " 12 " 500 " 250 " 35 gal.	
	Sicily.	AMG/I.	Sulphuric Acid, 66° Bc	150 Tons	Reported for information by Ind. & Comm-ACC.
	Barletta.	AOD-Bari.	Sulphuric Acid, 50° Bc.	50 Tons.	Some glass carboys available, but few packing baskets
ici	Naples.	ADOS.	Sulphuric Acid, 50 Bc Muriatic Acid Nitric Acid	155 Tons (150 " (10 "	
oli	Naples.	PBS. Transp.	Sulphuric Acid, 50° Bc	396 Tons	
			Total ...	751 Tons.	

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Appendix "A". ENGINEERING MATERIALS COMMITTEE.

Material HORSE SHOES. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descriptio
V-AFSC.	1 Feb.	Arturo Occi	Bari.		Horse shoe
		:Sources listed below have been included in preliminary reports to			
	20 Jan.	Treichler, Via Nuova Capodimonte, 84.	Naples.		Horseshoe
	"	Damianni Via Niccolini, 77.	Naples.		"
	"	Papero V.Macedonio Melloni	"		"
	"	Carrino, Salvatore V.Michele Morelli, 24.	"		"
	"	Carrino, Giovanni V.Polveriera Vecchia	"		"
		No source for manufacture of Horse Shoe Nails was discovered in Oc			

Material. TIN. Class Priority.

XV.-AFSC.	1 Feb.	Arturo Occi.	Bari.	XV-AFSC.	Tin.
		: See also availability report of 10 Jan 1944 - Tin			
BRASS ROD. AMG-17.	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	N.R.S.	Brass rod Hex.& Rou

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MATERIALS COMMITTEE.

Date 9 Feb 44

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Bari.		Horse shoes.		20,000 pcs.
ow have been included in preliminary reports to AMMS.					
va	Naples.		Horseshoes.		1,500/3,000
	Naples.		"		3,000/6,000
i	"		"		3,000
24.	"		"		8,000
ia	"		"		1,500
f'acture of Horse Shoe Nails was discovered in Occupied Italy.				TOTAL...	37,000 to 41,500 per month.
	Bari.	XV-AFSC.	Tin.	0.4 Tons.	None.
lso availability report of 10 Jan 1944 - Tin, page 8. :					
	Naples.	M.R.S.	Brass rod, High Tensile Hex.& Round, various sizes.	1 Ton.	

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Appendix ...

ENGINEERING MATERIALS OBTAINED.

Material STEEL. Class I-a.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	De
	3 Feb.	Base Salvage Depot. Metallurgica Meridionale Sa.	Naples.	MAD/ Salvage.	St Re
AMG-17.	3 Feb.	Italian State Rly. Yards. Purgatorio.	Naples.	M.K.S.	St Ar Sq Ho Ro Pi
AMG-15	25 Jan.	PBS. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	St Ar Ch Ba " Ro Sh Ba Ba No Pi Pi
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipio.	Naples.	AMG/III.	St Ra He I- Ra I- S-

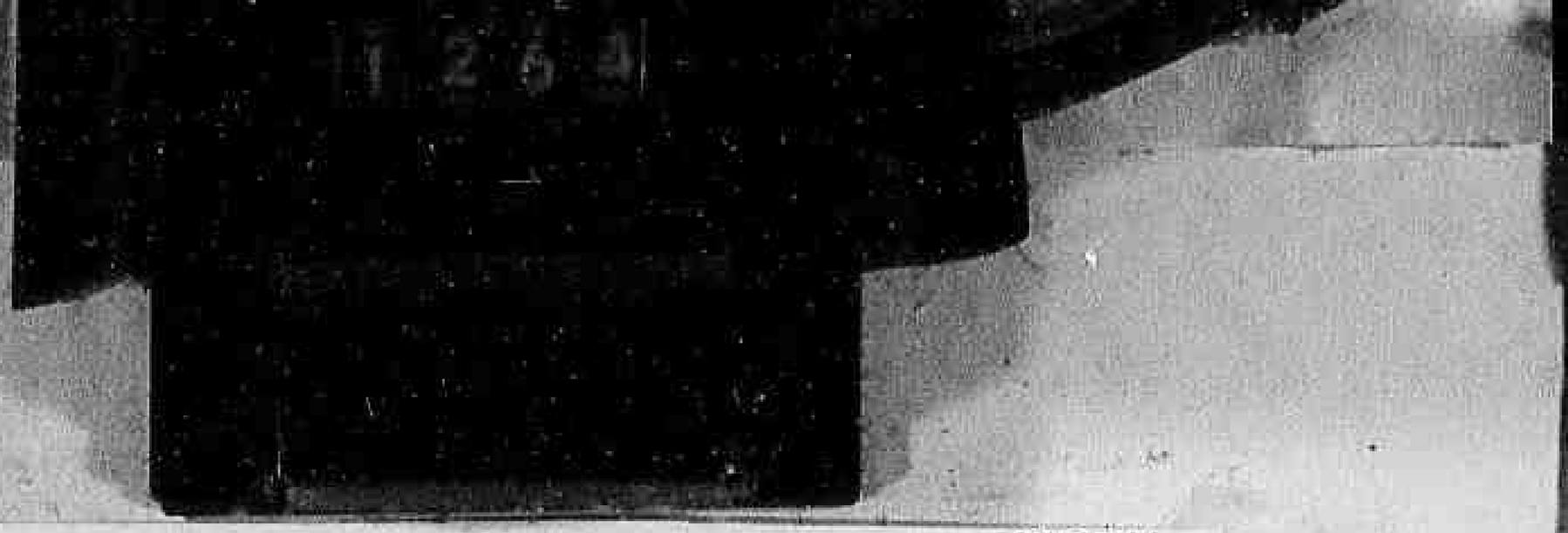
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ENGINEERING MATERIALS CONSTITED.

Date 9 Feb 44.

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	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
pt. dion-	Naples.	EMD/ Salvage.	Steel Blooms Reinforcing rods.	3,025 tons. 4 "	
.	Naples.	M.R.S.	Structural steel. Angles Square bars Hex. bars Round bars Pipe	38 tons 5 " 23 " 110 " 47 "	See invent. for details.
390 di.	Naples.	PBS. Engrs.	Structural steel. Angles. Channels. Bars, flat " square Rods. Sheet, 6 & 7 mm. Total...	80 tons. 12 " 20 " 13 " 55 " 14 " 194 "	
			Baling wire Banding strip Nails, assorted Pipe, misc. sizes up to 4" Pipe, 8" galvanized.	200 rolls. 700 bundles. 25 tons. small quantity. large quantity.	
ldg. .	Naples.	AMG/III.	Structural steel. Rods, 5 mm to 45 mm. Hexagonal, 30 mm. I-beams Rail Pipe Steel cable.	48 tons 5 " 3 " 13 " - $\frac{1}{2}$ " - $\frac{1}{2}$ "	



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Appendix A. ENGINEERING MATERIALS (CONTD).

Material STEEL PRODUCTS. Class I - A

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by
AMG/III 1378	28 Jan	S.A. Ferriere Giovanni Gerosa via Aronaccia, 32	Naples	AMG/III
AMG - 17	20 Jan	Ital. State Ry Yards Purgatoria	Naples	N.R.S.

Material ALUMINUM Class I - B

	3 Feb	Base Salvage Depot	Naples	EAF/Salvage

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	Location	Controlled by	Description of material	Quantity on hand	Monthly Production.
	Naples	AMG/III	Wire for Nail making Nails assorted	50 Tons 60 Tons	
rds	Naples	M.R.S.	Nails, assorted Screws " Bolts " Nuts, hex " Washers " Rivets " Small Tools Files Grinding Wheels Bits & Augurs Taps Shovels, Picks, Axes Mauls, Hammers Anvils Vices Emery cloth Public Works Equipment. C.I. Water Mains C.I. Fittings Gate Valves Water Meters Tar Pots, on wheels, for Street repairs	5 Tons 3000 gross 38605 Kegs 13715 " Fair Quantities Large Quantities	
t	Naples	DAD/Salvage	Aluminum Ingot " Cast Scrap " Acro Scrap	2½ Tons 15 Tons 67 Tons	

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Appendix A

ENGINEERING MATERIALS ON HAND.

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Description
Material ALUMINUM		**Class I - B**			
	3 Feb	Salvage Depot	Bari	DAD/Salvage	Aluminum Ae
	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Aluminum Wi Al. Sheet 1
AMG/III 1371	22 Jan	F.I.C.E. (Elect. Cables) Via Arenneeia 236	Naples	AMG/III	Aluminum Wi
AMG - 15	26 Jan	PBS Engrs Depot	Naples	PBS Engrs	Aluminum In
AMG - 28	8 Feb	Banca d'Italia Bldg - Piazza Municipio	Naples	AMG III	Aluminum, s Airplane pr Aluminum st
Material	**NON FERROUS METALS**	**Class I - B**			
ANTIMONY	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Antimony Ro
MAGNESIUM	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Magnesium P Thermit wel
GUNMETAL	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Gunmetal
LEAD AMG - 17	8 Feb	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Lead, pip Lead sheet, 3/16", ¼",
	26 Jan	" " " "	Naples	M.R.S.	Lead Ingot
	22 Jan	F.I.C.E. vin Arenneein, 236	Naples	AMG/III	Lead, for c covering
BRASS	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Brass, var



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ENGINEERING MATERIALS COMMITTEE.

Exhibit 5
Date: 9 Feb 44

Location	Controlled by	Description of material.	Quantity on hand	Monthly Production
Bari	DAD/Salvage	Aluminum Aero Scrap	175 Tons	
Naples	M.R.S.	Aluminum Wire Al. Sheet 1/16"x8"x8"	2300 Kg. 500 sheets	
es) Naples	AMG/III	Aluminum Wire	20 Tons	
Naples	PBS Engrs	Aluminum Ingot	0.8 Tons	
Naples	AMG III	Aluminum, scrap Airplane propellors Aluminum strip	 4.6 Tons 0.4 Tons	
- B				
Naples	DAD/Salvage	Antimony Rounds	10 Tons	
Naples	M.R.S.	Magnesium powder for Thermit welding	1250 Kg	
Naples	DAD/Salvage	Cunnetal	18 Tons	
Naples	M.R.S.	Lead, pig Lead sheet, in rolls 3/16", ¼", 5/16" thick	10 Tons 35 Tons	
Naples	M.R.S.	Lead Ingot	7 Tons	
Naples	AMG/III	Lead, for cable covering	100 Tons	
Naples	DAD/Salvage	Brass, various forms	307 Tons	



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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material NON-FERROUS METAL Class I - B

AMG/ACC File.	Date of Survey	Name and address	Location	Controlled by	Description
BRASS AMG - 17	8 Feb	Ital. State Ry. Yards Purgatorio	Naples	M.R.S.	Pig Brass Pig Bronze
ZINC	8 Feb	" " " "	Naples	M.R.S.	Zinc Sheet 1/16" x 40" 1/8" x 40" Zinc ends
	3 Feb	Base Salvage Depot	Naples	D.D/Salvage	Zinc Ingot Zinc Scrap Zinc Strip
AMG - 15	26 Jan	PBS Engrs Depot 390 390 Corso Garibaldi	Naples	PBS Engrs	Zinc Ingot
Material	COPPER	Class I-B			
	3 Feb	Base Salvage Depot	Naples	D.D/Salvage	Copper, var
AMG/III 1371	22 Jan	F.I.C.E. via Arenaccia, 236	Naples	AMG/III	Copper wire Copper Scr
AMG - 17	20 Jan	Ital. State Ry Yards	Naples	M.R.S.	Copper She 1/16" x 40 1/16" x 36 Heavy Copp Copper Pig Copper Wir 4mm to 17m
Material ECA/189/9	TIMBER 10 Jan	Class II AMG - Region II	Matera	AMG/II	Timber Log Roof Truss

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3

ENGINEERING MATERIALS COMMITTEE.

S I - 2

Date 9 Feb 44

dress	Location	Controlled by	Description of material	Quantity on hand	Monthly Production
Ry. Yards rio	Naples	M.R.S.	Pig Brass Pig Bronze	28 Tons 36 Tons	
"	Naples	M.R.S.	Zinc Sheet 1/16" x 40" x 80" 1/8" x 40" x 80" Zinc cakes	10 sheets 50 sheets 6 Tons	
e Depot	Naples	D&D/Salvage	Zinc Ingot Zinc Scrap Zinc Strip, new	16 Tons 20 Tons 4 Tons	
epot 390 aribaldi	Naples	PRS Engrs	Zinc Ingot	4 Tons	
e Depot	Naples	D&D/Salvage	Copper, various forms	28 Tons	
ia, 236	Naples	AMG/III	Copper wire Copper Scrap	28 Tons 12 Tons	
Ry Yards	Naples	M.R.S.	Copper Sheets 1/16" x 40" x 80" 1/16" x 36" x 72" Heavy Copper Plates Copper Pig Copper Wire, strand, 4mm to 17mm	220 sheets 35 sheets 10 Tons 25 Tons 24 Tons	
a II	Matera	AMG/II	Timber Legs Roof Trusses, 7M Span	300 C.M. 20 pcs	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material TIMBER Class II

AMG/ACC File.	Date of Survey	Name and address.	Location	Controlled by	Descri
AMG/III 2307	28 Jan	Ditta Fasano Maria & C.I. via Napoli, 7	Benevento	AMG/III	Soft
AMG - 17	24 Jan	Ital. State Ry. Yds Purgatorio	Naples	M.R.S.	Wood 8 to
	1 Feb	Beltrinelli, Guiseppi Fontella	Avellino	A.M.G./III	Coast
	31 Dec	S.A.C.A.R., via Cepiella Vecchia, 31	Naples	AMG/III	Coast Popla Nutwo Fir Walnu
AMG - 15	26 Jan	PBS Engrs Depot 390 390 Corso Garibaldi.	Naples.	PBS.Engr.	Plywo

Material. ASBESTOS-CEMENT. Class III.

ECA/189/9	10 Jan.	AMG.Region II Kerpio, Casenza, Catanzaro provinces.	Matera	AMG/II	Asbes Sheet " Ridge
AMG-17	3 Feb.	Italian State Rly. Yard. Purgatorio.	Naples.	M.R.S.	Asbes Diam. 25 mm 32 " 45 " 75 " 100 " 120 " 130 " 150 " 200 " 250 "

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ENGINEERING MATERIALS COMMITTEE.

Doc 7
to 9 Feb 44

.	Location	Controlled by	Description of material.	Quantity on hand	Monthly production
ia & C.I.	Benevento	AMG/III	Soft & Hard Wood	100 C.M.	
Yds	Naples	N.H.S.	Wood Tel Poles. 8 to 12 M long.	2000 pcs.	
...ppi	Avellino	A.M.G./III	Chestnut Plank	280 C.M.	reported to DDI 1 Feb
chia, 31	Naples	AMG/III	Chestnut boards Poplar " Nutwood " Fir " Walnut, etc	200 C.M. 35 C.M. 45 C.M. 100 C.M. 30 C.M.	Able to produce joinery, furniture etc.
390 ldi.	Naples.	PBS.Engr.	Plywood, 1.5 x 2.0 m.	500 pcs.	
Catan-	Matera	AMG/II	Asbestos Cement. Sheets, flat 1 mx1m " corrugated 1 x 2.5 ridge tiles.	4000 pcs. 1000 pcs 1000 pcs.	
y.	Naples.	A.R.S.	Asbestos Cement Pipe. Diam. / Length. 25 mm. / 2 m. 32 " / 2 " 45 " / 2 " 75 " / 3 " 100 " / 4 " 120 " / 4 " 130 " / 5 " 150 " / 4 " 200 " / 4 " 250 " / 4 "	1750 pcs. 3670 " 2400 " 120 " 130 " 50 " 86 " 590 " 236 " 182 "	



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Appendix A. ENGINEERING MATERIALS COMMITTEE.

Material. PLUMBING SUPPLIES. Class III.

AMG/AGC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descripti
AMG-15	26 Jan.	PBS. Engr. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Pipe fitti Valves, 1¼ Lavatorie
AMG-17		Italian State Rly. Yard Purgatorio.	Naples.	M.R.S.	Pipe fitti Float valv Faucets. Water met
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipia.	Naples.	AMG/III.	Electric Air compr Concrete Lime Mixe Concrete Stone cru Grinding
Material. MISCELLANEOUS. Class IV.					
LEATHER BELTING.	25 Jan.	Megaldi Salerno.	Salerno.	AMG/II.	Leather b
INSULATING MATERIALS. AMG/III 1371	22 Jan.	F.I.C.E. Via Arenaccia, 236.	Naples.	AMG/III.	Materials Insulatin Ingredien Paper cov Rayon & L Ingredien cables. Ditto for
ROOFTIG PAPER. AMG-15.	26 Jan.	PBS. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Roofing P
PIPE COVERING.	26 Jan.	" " "	"	"	Asbestos

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ENGINEERING MATERIALS COMMITTEE.

Date 9 Feb. 44

Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	PBS. Engrs.	Pipe fittings, $\frac{1}{4}$" to 1$\frac{1}{2}$" Valves, 1$\frac{1}{4}$" to 2$\frac{1}{2}$" Lavatories & Sinks.	Small stock. " " 30 pcs.	
Naples.	M.R.S.	Pipe fittings, brass, small sizes. Float valves Faucets. Spiggots. Water meters, small.	Large stock.	
Naples.	AMG/III.	Electric Motors, from $\frac{1}{4}$ to 9 h.p. Air compressor Concrete Mixers Lime Mixers Concrete barrows Stone crusher Grinding wheels.	58 motors. 1 pcs. 38 " 5 " 5 " 1 " 22 "	
Salerno.	AMG/II.	Leather belting.	Not given.	Reported to be manufacturing belting at present from leather stock on hand.
Naples.	AMG/III.	Materials for insulating Electric Cables. Insulating mixture Ingredients for Insulating mixt. Paper covering Rayon & Linen Ingredients for impregnating cables. Ditto for pipe	25 Tons. 80 " 50 " 50 " 10 " 20 "	
Naples.	PBS. Engrs.	Roofing paper.	84 rolls.	
"	"	Asbestos Pipe Covering.	75 boxes.	

APPENDIX "B" APPENDIX "B"

Appendix "B" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

MINUTES OF INDUSTRIAL GASES SUB-COMMITTEE

1. This sub-committee meeting was held at Adv. Admin. Sch., AFHQ. at 11.30 hours 22 Jan 44.

Present:- Col. W.T. Cobb — Ord (Br)
Major R.E. Macdonald — Engineer Section, PBS.
Major R.N.J. Burgess — Ord (Br)
S/Ldr. Symes — HQ, 214 Gp. R.A.F.
Capt. W.B. Mydans — AMG/ACC

The M.A.A.F. representative did not attend.

2. The sub-committee considered the subject of the provision of gases as a whole divided into sections by gases.

3. OXYGEN:

The report submitted by Capt. Mydans was studied and after general discussion it was agreed that requirements of oxygen be considered under two headings, (a) commercial and (b) breathing.

(a) It was considered that the total production of plants now operating was required for commercial oxygen.

(b) It was considered that the only satisfactory sources of breathing oxygen were mobile plants in possession of R.A.F. units and the Taranto plant. These sources are quite inadequate to produce the quantity of gas demanded by M.A.A.F. - now reduced to 7,000,000 cu.ft.

(c) It was also stated that whilst M.A.A.F. were asking for vast quantities of oxygen, no recommendations had yet been forthcoming from them to suggest any method of producing their requirements.

It was agreed that only by putting the CROTONE plant

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2. The sub-committee considered the subject of the provision of gases as a whole divided into sections by gases.

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(c) It was also stated that whilst M.A.A.F. were asking for vast quantities of oxygen, no recommendations had yet been forthcoming from them to suggest any method of producing their requirements.

(d) It was unanimously agreed that only by putting the CROTONE plant into operation could the quantity of breathing oxygen demanded by MAAF be produced in that part of Italy under Allied control.

(e) It was decided that M.A.A.F. be asked to assume full responsibility for CROTONE and that Capt. Mydans be made available to them for the submission of a detailed report on the work necessary before the filling of oxygen cylinders at CROTONE can be undertaken should M.A.A.F. have no technician available for this purpose.

4. CROTONE:

The following points from Capt. Mydans' preliminary report were emphasised:

(a) Production

Capacity up to 10,000,000 cu.ft. per month. 98.5% pure.

(b) Requirements

(i) Electric power: Approx. 450,000 KWH for each 1,000,000 cu.ft. of oxygen produced.

(ii) Suitable compressors - M.A.A.F. cylinders are filled at a pressure of 2,200 lbs. per sq.in.; R.A.F. cylinders at 3,600 lbs. per sq.in.

(iii)/

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(iii) Repairs to gasometer.

(iv) Construction of cylinder-filling racks.

(v) Raw materials: 5 tons of Caustic Potash monthly.

(c) The hydrogen by-product could be partially utilised in metal cutting in demolition work and so reduce the requirement of acetylene.

(d) As medically pure oxygen is equally well suited for commercial use any surplus from CROTONE above M.A.A.F. requirements would be available for other sources.

(e) The work could be completed within one month if tackled with sufficient energy.

5. ACETYLENE:

The production from plants and requirements of services were reviewed and the following points are recorded:

(a) It was stated that production was still 33.1/3% below present requirements.

(b) It was reported by Ord (Br) that despite the fact that "Q" authority had been given for the work to be carried out on a high priority no steps had been taken to date by Works Services, 2 District, to construct the second acetylene-filling plant at Castellammare.

(c) Major Macdonald stated that it might be possible for U.S. Engineers to assist with this work if no assistance was forthcoming from Works Services, and it was agreed that Majors Macdonald-Burgess should discuss this question further.

(d) It was recommended that low pressure generators be employed in all static installations such as Base Workshops, in order to ease the strain on plant production and to reduce the number of cylinders at present required to begin circulation.

Low pressure generators were reported to be available in Naples from local manufacture.

(e) It was recommended that in view of difficulties experienced in transporting cylinders from Taranto, R.A.F. requirements for Western Italy should be drawn from Ord (Br) in the Naples area. This was mutually agreed between R.A.F. and Ord (Br) and detailed arrangements will be made by the

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requirements.

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6. GENERAL:

The effect on gas production of the frequent failures of electric power in the Naples Area was mentioned. It was stated by Capt. Mydans that an alternative power supply for plants was essential if the considerable loss in production now being experienced was to be avoided.

It was stated by Major Macdonald that mobile generating sets were available for plants under U.S. control in the event of electrical breakdowns.

Ord (Br) reported that it should be possible for the Castellammare plants to be linked up with the GASLINI factory at Castellammare and undertook to apply to Works Services for this to be arranged.

(Sgd.) R.N.J. BURGESS MAJOR,
SECRETARY, INDUSTRIAL GASES SUB-COMMITTEE,
27 JAN 44 ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD .

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Page Three of Appendix "B"

ADDENDUM

1. It is recorded that since the meeting of the sub-committee on 22 Jan 44 a meeting has occurred between Capt. Morrell, R.N., representing FOWIT, and Major Burgess, Ord (Br).

2. It has been agreed:

(a) That the production of the Oxygen plant at Catania shall be placed at the disposal of R.N. for issues of cylinders on a one-for-one (filled-for-empty) basis.

(b) That R.N. will arrange for the delivery by L.C.T. to Catania of empty cylinders and collection of filled cylinders in exchange.

(c) That R.N. will also collect ex Catania and deliver to Naples for Ord (Br) all filled oxygen cylinders held under military control in Catania surplus to local requirements.

(d) That the repair of cylinders be undertaken under Naval supervision in the workshops of Nevale Meccanica, Naples.

(e) That R.N. will assist in the construction of the second acetylene plant at Castellammare if assistance is required.

3. R.N. are prepared to co-operate with M.A.A.F. in the work required at CROTONE for the establishment of a cylinder-filling plant.

4. Capt. Morrell has been invited to attend future meetings of the Industrial Gases Sub-Committee as representative of FOWIT.

5. It can now be reported that considerable progress has been made within the past few days on the extension to the existing acetylene plant at AVIS CAPRONI, Castellammare.

6. It is hoped to complete this work within the next 14 days to permit of the bottling of 75 standa rd British cylinders daily - equivalent to 206,230 cu.ft. per month.

7. This represents a n increase of almost 100 per cent on production as reported for this plant in the minutes of the sub-committee's meeting on 27 Dec 43.

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(d) That the repair of cylinders be undertaken under Naval supervision in the workshops of Navale Meccanica, Naples.

(e) That R.N. will assist in the construction of the second acetylene plant at Castellammare if assistance is required.

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APPENDIX C to Minutes of Engineering Materials Committee meeting held 11 FEB.44.

24 January 1944.

REPORT ON VISIT TO CELLULOSA-CHLORO-SODA PLANT

Submitted by: Capt. W.E. Hydorns.

I. GENERAL. Dr. Cotena - Acting Manager. 142,000,000 lire invested in Naples plant.

II. PRODUCTION. Plant formerly produced the following materials:

Caustic soda, both in solution and fused.
Chlorine gas.
Hydrogen gas.
Hypochlorite of lime.
Hydrochloric acid.
Purified cellulose from straw or esparto.

III. PLANT. The plant is so thoroughly destroyed by German demolition mines that no part of it can be considered useful beyond salvage or cannibalization of isolated equipment or materials of value to Allies.

A. Electrical Equipment: destruction of transformers, converters (motor-generator units), switch gear, and auxiliary facilities complete: salvage scrap copper and steel.

B. Electrolytic cells: many are good or repairable, but cells without electrical equipment, gas-handling compressors, etc. are valueless. The cells have very little salvage value, aside from much copper in bus-bar leads.

C. Hydrogen Compressors. Three in number. Management claims that they are good and can be assembled. This appears doubtful, since parts of these disassembled machines were distributed haphazardly over a wide area and exposed to the weather. Efforts of the management to preserve this valuable machinery should be characterised as worse than apathetic. These compressors were designed to compress gas to 150 $Kg/cm.^2$ (2,200 lbs per sq. inch).

D. Chloride of Lime (Hypochlorite of Lime) plant: 8 chambers of 3 mm. lead, each 400 cu. meter capacity (2 x 10 x 20 meters). The condition of these chambers varies from good to destroyed, and they can be considered as a source of sheet lead.

E. Paper producing plant:

1. Huge pulp digestors of heavy steel appear intact (ca 3½ m. diam. x 7 m. deep.)
2. Rest of paper making machinery is suitable only for salvage and scrap.

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A. Electrical Equipment: destruction of transformers, converters (motor-generator units), switch gear, and auxiliary facilities complete: salvage scrap copper and steel.

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E. Paper producing plant:

1. Huge pulp digestors of heavy steel appear intact (ca $3\frac{1}{2}$ m. diam. x 7 m. deep.)
2. Most of paper making machinery is suitable only for salvage and scrap.

F. Machine Shop: Small and inadequate for so large a plant. Most of the machines are undamaged but are archaic.

G. Additional Materials.

1. Large coal stock pile estimated in the order of 1,000 tons. One large pile near the gate is Sardinian coal. Several piles near boiler house are Silesian, Sardinian and mixed Silesian-Sardinian.

2. Large stock of new wooden barrels ranging from half hogsheads down to small barrels. These were uncounted but estimated at several hundred.

3. Considerable stock of cut lumber, suitable for packing box manufacture: circa 1 m. x 1.5 cm. x 30 cm.

4. Large number of valuable high pressure oxygen and hydrogen cylinders. N.B. Hydrogen cylinders, properly cleaned, tested and fitted with new valves, may be used for oxygen storage. The demand for oxygen cylinders is expected to grow as production of that gas mounts.
   (a) about 50 large German-made hydrogen cylinders of 76 litre capacity at 160 $Kg/cm.^2$
   (b) about 60-70 hydrogen cylinders of approximately one half capacity of (a).
   (c) about a dozen or more oxygen cylinders in and around machine shop.

N.B. Valuable cylinders are scattered all over the plant, even high in the wreckage of the paper plant. Little effort has been made by the management to gather valuable materials together.

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5. Two gasometers for hydrogen:
   (a) Large one of concrete, estimated at 5,000 cu. meter capacity, totally wrecked.
   (b) Smaller steel gasometer of ca. 500 cu. meter capacity: is repairable.

6. Large number of electric motors of varying size and H.P. are available, many with valuable built-in gear reduction boxes.

7. Of 5 electrically driven cellulose centrifuges, 3 appear to be undamaged.

8. There are several undamaged overhead track hoists of varying tonnage scattered about the plant.

9. There is a considerable stock of scrap copper wire and bus-bars stored in what was the office building.

IV. COMMENTS AND RECOMMENDATIONS:

A. This plant and its contents are now frozen by AMG Region III.

B. So completely destroyed is this plant that no consideration should be given its rehabilitation. Extensive cannibalization of salvagable material and equipment should be made in the interests of the Allied effort.

C. The attitude of the management appeared somewhat less co-operative than could be desired, and this inspecting officer came away with a feeling that the management was neither too anxious to help us nor very diligent in the care and safeguarding of such plant assets as remain. The situation of the hydrogen compressors gives point to this observation: the management contends that the compressors and electric motor drives were undamaged, yet the compressors were all disassembled and scattered about the landscape and the motors were not in evidence. The conclusion was inescapable that this state of affairs is deliberately intended to discourage Allied organisations from requisitioning and taking away any assets.
Further, when another officer (U.S.) who was present pressed the management as to their position relative to sale or lease of equipment to U.S. or British Armies, they were most emphatic that they would not do so voluntarily.

D. In view of the attitude described in (C) above, it is recommended that diligence be exercised to prevent destruction, disappearance or injury to such assets as remain.

E. Small gasometer should be earmarked for one of Army oxygen or

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be given its rehabilitation. Extensive cannibalization of salvaged material and equipment should be made in the interests of the Allied effort.

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Further, when another officer (U.S.) who was present pressed the management as to their position relative to sale or lease of equipment to U.S. or British Armies, they were most emphatic that they would not do so voluntarily.

D. In view of the attitude described in (C) above, it is recommended that diligence be exercised to prevent destruction, disappearance or injury to such assets as remain.

E. Small gasometer should be earmarked for one of Army oxygen or acetylene plants (see III G5 above).

F. Hydrogen compressors and motors should be earmarked, if found reasonably complete, for Crotone Plant for gas handling. (see IIIC).

G. All high pressure gas cylinders should be collected and transferred to some proper army agency for immediate disposition and use. Action is urgent.

H. The overhead track hoists should be dismantled and removed for use elsewhere (see III G 8 above).

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APPENDIX "D"

APPENDIX "D"

Appendix "D" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

SUBJECT: Compressed Gases Cylinders

To:- Local Resources Section,
AFHQ Adv. Adm. Ech.

Unused high pressure gas cylinders have been observed in the following places, by representative of ACC (Ind. & Commerce):-

A. Cellulosa-chloro-soda plant, Naples.

1. 50 German made hydrogen cylinders
76 litre (water) capacity 225 Kg. per cm^2

2. 60-70 hydrogen cylinders of approximately half capacity of 1.

3. About 12 oxygen cylinders in workshop.

B. Industre Meridiona li Azoto & Derwati, Naples.

(Via Traccia Poggioreale) - PBS, Engrs. 102

Balloon Barrage Battery

41 Hydrogen cylinders. Identical with A.1 above.

C. Avis Caproni Works, Castellamare.

British Ordnance Acetylene plant.

50 large British hydrogen cylinders.

D. Applicazione Soldatura Autogeni, Castellamare.

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76 litre (water) capacity 225 Kg. per cm².

2. 60-70 hydrogen cylinders of approximately half capacity of 1.

3. About 12 oxygen cylinders in workshop.

B. Industrie Meridionali Azoto & Derwati, Naples.

(Via Traccia Poggioreale) - PBS, Engrs. 102

Balloon Barrage Battery

41 Hydrogen cylinders. Identical with A.1 above.

C. Avis Caproni Works, Castellamare.

British Ordnance Acetylene plant.

50 large British hydrogen cylinders.

D. Applicazione Soldatura Autogeni, Castellamare.

40 U.S. Army Hydrogen cylinders
15 German Hydrogen cylinders
About 35 hydrogen cylinders similar to A.1 above

(Sgd.) A.S. AUSTIN,
CAPTAIN,
ENGINEERING MATERIALS COMMITTEE.

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APPENDIX "E"

Appendix "E" to Minutes of
Engineering Materials Committee
Meeting held 11 February 1944

SUBJECT:- Extracts from Report on Montecatini plant at CROTONE, submitted by Capt. W.E. Mydans, HQ AMG. - 23 Dec 43

TO:- Industrial Gases Sub-Committee, AFLR (Italian) Board.

FROM:- ACC/AMG member of Industrial Gases Sub-Committee

1. Electrical Transformer and Converter Station:

A. Electric power is purchased from Soc. Meridionale Elettrica in two circuits which can furnish 900,000/1,000,000 KWH of power per day. Present power contract runs until 1950, calls for minimum of 300,000,000 KWH per annum at 0.05 lire per KWH. The power is generated hydro -electrically at Timpa Grande, some 40 km. by wire from the plant.

About 85% of the power is transformed and converted to direct current of 500 volts for use in the electrolytic cells. The remaining 15% of the power is transformed to 500 volts A.C. and is used for plant power.

B. Equipment: All of the transformers and all but one of the converters are in good and operative condition. One Oerlikon Converter of 4,000 KW capacity has a burnt commutator which cannot be repaired at the plant.

C. Immediate Requirements: Repair of roof.

2. The Hydrogen/Oxygen Plant:

Hydrogen and oxygen are generated by the electrolysis of caustic potash solution (25%). This method is employed because large amounts of cheap electric power are available.

There are 8 batteries of electrolytic cells of which two are badly damaged by bombing and are inoperative, leaving 6 operative batteries. One will be held as a spare to permit necessary repairs, leaving 5 batteries for continuous operation.

Production with 5 batteries operating full will be about 3,000 cu.metres of Hydrogen gas and about 1,500 cu.metres of oxygen gas per hour.

The Hydrogen Gasometer of 5,000 cu-metres capacity is entirely destroyed. The

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About 85% of the power is transformed and converted to direct current of 500 volts for use in the electrolytic cells. The remaining 15% of the power is transformed to 500 volts A.C. and is used for plant power.

B. Equipment: All of the transformers and all but one of the converters are in good and operative condition. One Oerlikon Converter of 4,000 KW capacity has a burnt commutator which cannot be repaired at the plant.

C. Immediate Requirements: Repair of roof.

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There are 8 batteries of electrolytic cells of which two are badly damaged by bombing and are inoperative, leaving 6 operative batteries. One will be held as a spare to permit necessary repairs, leaving 5 batteries for continuous operation.

Production with 5 batteries operating full will be about 3,000 cu.metres of Hydrogen gas and about 1,500 cu.metres of oxygen gas per hour.

The Hydrogen Gasometer of 5,000 cu-metres capacity is entirely destroyed. The Nitrogen gasometer of 5,000 cu.metres is repairable.

Requirements: (a) Distilled Water: about 250 cu.metres per 24 hours, which requires about 25 m. tons of coal per day for its production.

(b) The caustic potash output from caustic potash plant is used here.

(c) Four 150 cu.metre barrage ballons to act as temporary gas holders for hydrogen to replace the gasometer destroyed by bombing.

N.B. The R.A.F. is now taking about 1,000 cu.metres of hydrogen per day (and have an agreement to take up to 2,000 cu.metres per day) for balloon purposes. This demand for hydrogen should not be disturbed. They have installed their own compressor and auxiliary equipment.

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8. Distilled Water:

Large modern facilities, adequate for all needs of plant, and undamaged.

Distilled/

Distilled water is essential for the operation of the electrolytic cells for oxygen production, and some 15 tons of coal per day will be required for this purpose.

9. Electrolytic Caustic Potash Plant:

Plant is modern and essentially undamaged and consists of 12 cells, of which 10 are normally operated in series with two as spares or under repair.

Much of the mercury required as cathode was sent north prior to Allied invasion, and only enough is now on hand to operate 5 cells. Each cell requires 1.5 m. tons of mercury for operation.

Each cell consumes between 800 - 1000 KWH per 24 hours, and converts 4.5 quintals of high quality potassium chloride (98% KCl formerly secured from Germany and Spain) into 3 quintals of Caustic Potash in dilute water solution.

N.B. 1. The entire output of this plant is utilised in the hydrogen-oxygen electrolysis plant. None is available for sale.

2. The product of this plant is not dry caustic potash suitable for shipment, but a dilute water solution of 30° Be.

3. On hand are about 325 tons of Potassium Chloride (KCl) which will be adequate for about 5 months of operation, using but five electrolysis cells.

By-products of Caustic Potash Operations:

1. About 48 cu.metres of hydrogen gas are produced by each cell per 24 hours. This gas production is normally mixed with the main hydrogen supply.

2. About 48 cu.metres of chlorine gas are produced by each cell per 24 hours. This gas has, in the past, been thrown away. With 5 cells in operation, 240 cu.metres of chlorine gas will become available, but without equipment with which to dry and liquefy it and without pressure cylinders for shipment.

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N.B. 1. The entire output of this plant is utilised in the hydrogen-oxygen electrolysis plant. None is available for sale.

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APPENDIX "F"

APPENDIX "F"

Appendix "F" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

SUBJECT:- Oxygen Plant

8 February 1944

TO:- Chairman, Industrial Gases Sub-Committee,
Allied Force Local Resources (Italian) Board.

FROM:- HQ, ACC (Industry & Commerce)

1. A new and unfinished plant has been discovered which was designed to produce ammonia by the synthetic process: Industrie Meridionali Azoto & Derivati, located at Via Traccia Poggioreale, Naples. Present in this establishment is a complete plant for the liquefaction of air to produce the nitrogen needed in the process. It is the opinion of our expert that this plant might be completed and operated for the production of very large amounts of oxygen.

2. This plant is now under the control of PBS Engineers.

3. In accordance with para.3(e) of Minutes of Industrial Gases Sub-Committee Meeting, 22 January 1944, it is suggested that M.A.A.F. be informed and asked to look into this matter. Capt. Mydans will assist in every way possible.

By command of Lieut.General MACFARLANE

(Sgd.) W.P. EVANS COLONEL,
DIRECTOR,
INDUSTRY & COMMERCE SUB-COMMISSION.

APPENDIX G to Minutes of Engineering Materials Committee meeting held 11 FEB. 44.

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

Schedule No. 1 - CONTROLLED ITEMS - 26 JANUARY 1944.

GROUP 1 (a) METALS - FERROUS.

1. Billets and Ingots.
2. Cable and wire.
3. Machine and tool steel.
4. Structural steel.
5. Steel of all kinds.

GROUP 1 (b) METALS - NON-FERROUS.

6. Aluminium.
7. Antimony.
8. Brass.
9. Copper.
10. Chromium.
11. Lead in all forms.
12. Pure Mercury.
13. Molybdenum.
14. Monel metal.
15. Nickel.
16. Solder.
17. Tin.
18. White metal for bearings.

GROUP 2. TIMBER.

19. Balk Timber over 6" x 6"
20. Constructional timber-smallest dimension /3" up to 6"x 6".
21. Logs.
22. Plywood.
23. Sleepers - RR Ties.
24. Structural material-smallest dimension under 3".

GROUP 3. OTHER BUILDING MATERIALS.

25. Cement.
26. Paint.
27. Pigments for paint.
28. Varnish.

GROUP 4. MACHINERY & PLANT.

29. Belting.

GROUP 5. ELECTRICAL MATERIALS.

30. Accumulators.
31. Batteries.
32. Copper and Aluminium
33. E.L. Bulbs.
34. E.L. Fittings.
35. Insulators/conductors.
36. Jointing composition.
37. Motors.
38. Portable generators.
39. Sulphuric Acid.
40. Switch gear.
41. Transformers.
42. Transformer oil.
43. Welding rods.
44. Wires and cables.

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GROUP 2. TIMBER.

19. Bulk Timber over 6" x 6"
20. Constructional timber-smallest dimension /3" up to 6"x 6".
21. Logs.
22. Plywood.
23. Sleepers - RR Ties.
24. Structural material-smallest dimension under 3".

GROUP 3. OTHER BUILDING MATERIALS.

25. Cement.
26. Paint.
27. Pigments for paint.
28. Varnish.

GROUP 4. MACHINERY & PLANT.

29. Belting.

GROUP 5. ELECTRICAL MATERIALS.

30. Accumulators.
31. Batteries.
32. Copper and Aluminium
33. E.L. Bulbs.
34. E.L. Fittings.
35. Insulators/conductors.
36. Jointing composition.
37. Motors.
38. Portable generators.
39. Sulphuric Acid.
40. Switch gear.
41. Transformers.
42. Transformer oil.
43. Welding rods.
44. Wires and cables.

GROUP 6. INDUSTRIAL GASES.

45. Acetylene.
46. Ammonia.
47. Bottles and containers.
48. Oxygen.

GROUP 7. MISCELLANEOUS.

49. Caustic Soda.

::::::::::::::::::

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Copy No. 60

AFHQ., ADV.ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 7/2/LR.

13 February 1944.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - MINUTES.

1. The fifth meeting of the Engineering Materials Committee was held at 09.30 hours, 11 February 1944, in the Conference Room, AFHQ Adv.Adm. Echelon.

Present:- Brigadier D.L. ANDERSON, DDW FLAMBO - Chairman

Representatives of :- RN (FOWIT)
DDW, FLAMBO
CE., PBS.
DGTR.
M.FSC/MTO.
214 Gp. R.A.F.
MGS (Adv)
ORD (Br)
ACC
TN (Br)

2. The Minutes of the last meeting of 14 January 1944 were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 31 January 1944.

4. The list of Controlled Items previously submitted to the Board was reviewed and the revised list is submitted herewith as Appendix G.

5. A report of the Industrial Gases Sub-Committee was received (Appendix B) together with a report from ACC on the Montecatini Plant, CROTONE (Appendix E).

M.A.A.F. indicated there would be considerable difficulties in putting the Crotone plant into operation. The Committee decided that, as the only satisfactory sources of Breathing Oxygen at present were quite inadequate to produce the quantity of gas demanded by M.A.A.F.- namely 7,000,000 cu.ft. per month, M.A.A.F. and A.C.C. must again seriously investigate the possibility of putting the Crotone Industrial Gases Plant into operation at an early date, and report their findings to the next meeting.

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MGS (Adv)
ORD (Br)
ACC
TN (Br)

2. The Minutes of the last meeting of 14 January 1944 were accepted.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board held 31 January 1944.

4. The list of Controlled Items previously submitted to the Board was reviewed and the revised list is submitted herewith as Appendix C.

5. A report of the Industrial Gases Sub-Committee was received (Appendix B) together with a report from ACC on the Montecatini Plant, CROTONE (Appendix E).

M.A.A.F. indicated there would be considerable difficulties in putting the Crotone plant into operation. The Committee decided that, as the only satisfactory sources of Breathing Oxygen at present were quite inadequate to produce the quantity of gas demanded by M.A.A.F.- namely 7,000,000 cu.ft. per month, M.A.A.F. and A.C.C. must again seriously investigate the possibility of putting the Crotone Industrial Gases Plant into operation at an early date, and report their findings to the next meeting.

A.C.C. reported (Appendix "F") the existence of an additional plant in the Naples area and M.A.A.F. and A.C.C. were requested to investigate the possibilities of using this plant or its equipment to meet their requirements.

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6. The Royal Navy reported that R.E.M.E. had now taken over the Ansaldo Works, Pozzuoli, and that any gas cylinders at the plant were under military control. It was decided that no allocation of the cylinders would be made at present.

7. Previous allocations of Timber, Cement and Industrial Gases were discussed and the Committee decided that no change was necessary. Ord (Br) reported that acetylene production was now approaching requirements and Oxygen production was being further investigated as indicated in para 5 above.

8. A report on availabilities of priority items listed at the last meeting (Appendix A) was submitted by A.C.C. and the following allocations were made :-

Pitch for caulking	allocated to	D.G.W.R.
Raw materials for paints	" "	ORD (Br)
Pigments and dry paint powders	" "	RN and PBS.

Sulphuric Acid : A.C.C. were asked to reserve the 150 tons reported available in Sicily for allocation by the Committee at a later meeting.
Allocations from stocks in Italy were made to meet one month's requirements as follows :-

34.31

/PBS .....

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PBS	-	115	Tons
RAF	-	1	"
ORD (Br)	-	26	"
MT	-	5	"
DGAR	-	5	"

Interested Services were requested to submit their requirements for the month of April to Local Resources Section by 6 March 1944.

Horseshoes: It was decided that as all Services interested in horseshoes were not represented on the Engineering Materials Committee, this subject could be better handled by the Miscellaneous Purposes Committee.

Tin 0.4 tons allocated to ORD (Br)
Brass rod 1 ton " " R.N.

Steel rods 5 mm to 45 mm.	48 tons	allocated to R.N.
I Beams	3 "	" " D.D.W.
Steel cable	½ "	" " R.N.
Wire for nail making and nails assorted	110 "	" " D.D.W.
Public works equipment		" " Naples City, AMG.
Aluminium wire	20 "	" " C.E., PBS.
Lead for cable covering	100 "	to be frozen by J.C.C. for use of Central Electricity Board.
Copper wire	28 "	" " " "
Copper scrap	12 "	" " " "
Copper sheets: 1/16" x 40" x 80"	-220 sheets	To be divided by mutual arrangement between PBS., RAI and DDW.
1/16" x 36" x 72"	- 35 "	
Copper wire-stranded 4 mm to 17 mm	24 tons	to be frozen by J.C.C. for use of the Central Electricity Board.
Timber Logs	300 cu.m	Allocated to D.D.W.
Roof trusses	20 pieces	
Soft and hard wood	100 cu.m.	" " "
Chestnut plank	280 cu.m.	" " "
Chestnut boards		
Poplar "		
Nutwood "	Total 410 cu.m.	Allocated to D.D.W.
Fir "		
Walnut, etc"		

Sheets corrug. Sheets flat 4 m. x 1 m. - 4000 pieces;

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Wire for nail making and nails assorted	110 "	"	" D.D.W.
		"	" Naples City, AMG.
Public works equipment	20 "	"	" C.E., PBS.
Aluminium wire	100 "	to be frozen by A.C.C. for use of Central Electricity Board.	
Lead for cable covering	28 " "	"	" "
Copper wire	12 " "	"	" "
Copper scrap			
Copper sheets: 1/16" x 40" x 80"	-220 sheets	To be divided by mutual arrangement between PBS., MAI and DDW.	
1/16" x 36" x 72"	- 35 "		
Copper wire-stranded 4 mm to 17 mm	24 tons	to be frozen by A.C.C. for use of the Central Electricity Board.	
Timber logs	300 cu.m	Allocated to	
Roof trusses	20 pieces	D.D.W.	
Soft and hard wood	100 cu.m.	" " "	
Chestnut plank	280 cu.m.	" " "	
Chestnut boards			
Poplar "			
Nutwood "	Total 410 cu.m.	Allocated to D.D.W.	
Fir "			
Walnut, etc"			

Asbestos cement: Sheets flat 1 m. x 1 m.	= 4000 pieces		
Sheets corrugated 1x2.5	- 1000 "	Allocated	
Ridge Tiles	- 1000 "	to L.&F.	

Asbestos cement pipes: 750 lineal metres allocated to Naples City, AMG., the balance to remain controlled for future allocation by the Committee.

Electric Motors : ¼ to 9 H.P. - 10 motors allocated to R.M. 3846

Air Compressor -	1 piece	
Concrete mixers -	3 "	Allocated to D.D.W.
Lime mixers -	5 "	
Concrete barrows -	5 "	
Stone crushers -	1 "	
Grinding wheels -	22 "	

Materials for insulating Electric cables: To be frozen for use of the Central Electricity Board.

Any materials reported to be held by Salvage Depots are to be applied for direct by interested Services to D...D., Salvage.

9. No further items were suggested for the list of priority articles.

/10.....

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10. The prices of oxygen and acetylene gases, fixed by AMG., Region III, were considered. There was no observation on the price of Oxygen. The proposed increase in the price of acetylene gas from 23 lire to 24.9 lire per cubic-metre was accepted. A price for breathing oxygen was requested from A.C.C.

11. There were no demands for Antimony submitted against the stocks at present lying at Fabbrica Accumulatori, Partenope, and these were released for the use of R.E.M.E.

12. Details of the equipment and materials available at the Cellulosa-Chloro-Soda plant, Naples, are attached at Appendix C. Demands of interested Services will be considered at the next meeting.

13. Request from AMG for 75 tons melted cement, 500 cu.metres of Oxygen Gas and 1 ton of Calcium Carbide was passed to C.E., PBS for attention.

14. No requests were submitted by Services for allocation of 3,925 tons of steel ingots 9" x 9" x 90" available at Palermo.

15. A report (Appendix D) on the location of unused high-pressure gas cylinders was received from A.C.C.

16. The next meeting to be held at 09.30 hours, 9 March 1944, in the Conference Room, AFHQ., Adv.Adm. Echelon.

Major J.C. RAMSDEN, Joint Secretary (Am)

Capt. S.J.B. LOUDEN, Joint Secretary (Br)

ALLIED FORCE LOCAL RESOURCES (IT.LIAN) BOARD.

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	2	Vice-Chairman (Am)
	3	Vice Chairman (Br)
	4	DD/C.O.
	5-9	Flag Officer, Western Italy.
	10-11	HQ., No.3 District.

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15. A report (Appendix D) on the location of unused high-[illegible] was received from A.C.C.

16. The next meeting to be held at 09.30 hours, 9 March 1944, in the Conference Room, AFHQ., Adv.Adm. Echelon.

Major J.C. RAMSDEN, Joint Secretary (Am)

Capt. S.J.B. LOUDEN, Joint Secretary (Br)

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

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5-9 Flag Officer, Western Italy.
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12 CG., PBS.
13-16 AFSC/MTO.
17-18 214 Gp. R.A.F.
19-21 A.C.C.
22 DQMG.
23 Q-1.
24 Q-2.
25-26 HQ., AFLRS, AFHQ.
29 DEW (Br)
30 DDOS.
31-32 DGMR.
33 DD TN. (Br)
34 CE., PBS.
35 CE., No.2 District.
36 EPA., PBS.
37 AEW (Stores)
38-47 Local Resources Section.
48 AFLR (Sicilian) Board.
49 AFLR (Sardinian) Board.
50 File.
51-58 Spares.
59-60 MGS (Adv)

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Declassified E.O. 12356 Section 3.3/NND No. 785016

Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material MISCELLANEOUS. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Description
PITCH for caulking.	1 Feb.	Various small manufacturers - reported by XV-AFSC.	Brindisi Molfetta	XV- AFSC.	Tar. Hemp.
XV-AFSC.	1 Feb.	Arturo Ceci	Bari	-	Raw materials
AMG-9	5 Jan.	Colorificio L.Cerioni S.A. Via Achille Consiglio, 3 Resina.	Naples.	AMG/III.	Pigments.
AMG-17	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	M.R.S.	Dry paint pow Red Bronze Aluminium Oils Varnishes Paint, mixed
SULPHURIC ACID.		Montecatini Milazzo.	Sicily.	AMG/I.	Sulphuric Aci
XV-AFSC.	1 Feb.	Montecatini.	Barletta.	AOD-Bari.	Sulphuric Ac
AMG-2182	4 Feb.	Montecatini, Portici Wks. Via Macello Nuovo 4.	Naples.	ADOS.	Sulphuric Ac Muriatic Aci Nitric Acid
AMG-1403	8 Feb.	Montecatini, Bagnoli Wks. Via Coroglio, 104 Bagnoli.	Naples.	PBS. Transp.	Sulphuric Ac

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ENGINEERING MATERIALS COMMITTEE.

Date 9 Feb. 44

ss.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
f nu-ported	Brindisi Molfetta	XV- AFSC.	Tar. Hemp.	2 Tons. 1 Ton.	2 tons. 1 ton.
	Bari	-	Raw materials for paints.	2 Tons.	2 tons.
Cerianiello Casina.	Naples.	AMG/III.	Pigments.	2.5 tons.	15 tons with necessary materials.
Ely. rio.	Naples.	N.A.S.	Dry paint powders. Red Bronze Aluminium Oils Varnishes Paint, mixed	125 kg. 100 " 12 " 500 " 250 " 35 gal.	
	Sicily.	AMG/I.	Sulphuric Acid, 66° Bc	150 Tons	Reported for information by Ind. & Comm-ACC.
	Barletta.	AOD-Bari.	Sulphuric Acid, 50° Bc.	50 Tons.	Some glass carboys available, but few packing baskets.
Corticello	Naples.	ADOS.	Sulphuric Acid, 50 Bc Hurintic Acid Nitric Acid	155 Tons (150 ") (10 ")	
Agnoli lio,	Naples.	PBS. Transp.	Sulphuric Acid, 50° Bc	396 Tons	
			Total ...	751 Tons.	

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material HORSE SHOES. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Description
V-AFSC.	1 Feb.	Arturo Ceci	Bari.		Horse shoes.
		:Sources listed below have been included in preliminary reports to AM			
	20 Jan.	Treichler, Via Nuova Capodimonte, 84.	Naples.		Horseshoes.
	"	Daniani Via Niccolini, 77.	Naples.		"
	"	Papero V.Macedonio Melloni	"		"
	"	Carrino, Salvatore V.Nichole Morelli, 24.	"		"
	"	Carrino, Giovanni V.Polveriera Vecchia	"		"
		No source for manufacture of Horse Shoe Nails was discovered in Occup			

Material. TIN. Class Priority.

XV.-AFSC.	1 Feb.	Arturo Ceci.	Bari.	XV-AFSC.	Tin.
		: See also availability report of 10 Jan 1944 - Tin,			
BRASS ROD. AMC-17.	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	M.R.S.	Brass rod, Hex.& Round,

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MATERIALS COMMITTEE.

Date 9 Feb 44

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Bari.		Horse shoes.		20,000 pcs.
ow have been included in preliminary reports to AFHQ.					
vn	Naples.		Horseshoes.		1,500/3,000
	Naples.		"		3,000/6,000
li	"		"		3,000
24.	"		"		8,000
nia	"		"		1,500
nufacture of Horse Shoe Nails was discovered in Occupied Italy.				TOTAL...	37,000 to 41,500 per month.
	Bari.	XV-AFSC.	Tin.	0.4 Tons.	None.
also availability report of 10 Jan 1944 - Tin, page 8. :					
	Naples.	M.R.S.	Brass rod, High Tensile Hex. & Round, various sizes.	1 Ton.	

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Appendix ...

ENGINEERING MATERIALS (CONTINUED).

Material STEEL. Class I-a.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descr
	3 Feb.	Base Salvage Depot. Metallurgica Meridionale Sa.	Naples.	AMG/ Salvage.	Steel Reinf
AMG-17.	3 Feb.	Italian State Rly. Yards. Purgatorio.	Naples.	M.R.S.	Struc Angle Squar Hex. Round Pipe
AMG-15	26 Jan.	PBS. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Struc Angle Chann Bars, " Rods. Sheet Belin Bandi Naila Pipe, Pipe,
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipio.	Naples.	AMG/III.	Struc Rods, Hexag I-Bea Rail Pipe Steel

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CONSTRUCTION MATERIALS SECTION.

Date 9 Feb 44.

s.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
ot. idion-	Naples.	MAD/ Salvage.	Steel Blooms Reinforcing rods.	3,025 tons. 4 "	
ly. o.	Naples.	M.R.S.	Structural steel. Angles Square bars Hex. bars Round bars Pipe	38 tons 5 " 23 " 110 " 47 "	See invent for details.
t 390 ilii.	Naples.	PBS.Engrs.	Structural steel. Angles. Channels. Bars, flat " square Rods. Sheet, 6 & 7 mm. Total...	80 tons. 12 " 20 " 13 " 55 " 14 " 194 "	
			Baling wire Banding strip Nails, assorted Pipe, misc. sizes up to 4" Pipe, 2" galvanized.	200 rolls. 700 bundles. 25 tons. small quantity. large quantity.	
: Bldg. pio.	Naples.	AMG/III.	Structural steel. Rods, 5 mm to 45 mm. Hexagonal, 30 mm. I-Beams Rail Pipe Steel cable.	48 tons 5 " 3 " 13 " - 1/2 " - 1/2 "	

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Appendix A. ENGINEERING MATERIALS (CONTD.

Material STEEL PRODUCTS. Class I - A

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Descrip
AMG/III 1378	28 Jan	S.A. Ferriere Giovanni Grossa via Arenaccia, 32	Naples	AMG/III	Wire Fe Nails a
AMG - 17	20 Jan	Ital. State Ry Yards Purgatoria	Naples	M.R.S.	Nails, Screws Bolts Nuts, N Washers Rivets Small T Files Grindin Bits & Taps Shovels Mauls, Anvils Vices Emery c Public C.I. Wa C.I. M Gate Va Water M Tar Pot Street
Material ALUMINUM	Class I - B				
3 Feb		Base Salvage Depot	Naples	DAD/Salvage	Alumin " "

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ENGINEERING MATERIALS CONTROL.

Date 9 Feb 44

ss	Location	Controlled by	Description of material	Quantity on hand	Monthly Production.
32	Naples	AMG/FTT	Wire for Nail making Nails assorted	50 Tons 60 Tons	
Yards	Naples	M.R.S.	Nails, assorted Screws " Bolts " Nuts, hex " Washers " Rivets " Small Tools Files Grinding Wheels Bits & Augurs Taps Shovels, Picks, Axes Mauls, Hammers Anvils Vices Emery cloth Public Works Equipment. C.I. Water Mains C.I. Fittings Gate Valves Water Meters Tar Pots, on wheels, for Street repairs	5 Tons 3000 gross 3606 Kegs 13715 " Fair Quantities Large Quantities	
Depot	Naples	DAD/Salvage	Aluminum Ingot " Cast Scrap " Acro Scrap	2½ Tons 15 Tons 67 Tons	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material ALUMINUM Class I - B

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Description of
	3 Feb	Salvage Depot	Bari	D&D/Salvage	Aluminum Acro
	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Aluminum Wire Al. Sheet 1/16
AMG/III 1371	22 Jan	F.I.C.E. (Elect. Cables) Via Arenaccia 236	Naples	AMG/III	Aluminum Wire
AMG - 15	26 Jan	PBS Engrs Depot	Naples	PBS Engrs	Aluminum Ingot
AMG - 28	8 Feb	Banca d'Italia Bldg Piazza Municipio	Naples	AMG III	Aluminum, scra Airplane prope Aluminum strip

Material NON FERROUS METALS Class I - B

ANTIMONY	3 Feb	Base Salvage Depot	Naples	D&D/Salvage	Antimony Round
MAGNESIUM	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Magnesium powd Thermit weldin
METAL	3 Feb	Base Salvage Depot	Naples	D&D/Salvage	Gunmetal
LEAD AMG - 17	8 Feb	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Lead, pig Lead sheet, i 3/16", ¼", 5/
	26 Jan	" " " "	Naples	M.R.S.	Lead Ingot
	22 Jan	F.I.C.E. via Arenaccia, 236	Naples	AMG/III	Lead, for cab covering
BRASS	3 Feb	Base Salvage Depot	Naples	D&D/Salvage	Brass, variou

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Date 9 Feb 44

STRATEGIC MATERIALS OVERSEAS.

Location	Controlled by	Description of material.	Quantity on hand	Monthly Production
Bari	DAD/Salvage	Aluminum Aero Scrap	175 Tons	
Naples	M.R.S.	Aluminum Wire Al. Sheet 1/16"x8"x8"	2500 Kg. 500 sheets	
Naples	AMG/III	Aluminum Wire	20 Tons	
Naples	PTS Engrs	Aluminum Ingot	0.8 Tons	
Naples	AMG III	Aluminum, scrap Airplane propellors Aluminum strip	 4.6 Tons 0.4 Tons	
Naples	DAD/Salvage	Antimony Rounds	10 Tons	
Naples	M.R.S.	Magnesium powder for Thermit welding	1250 Kg	
Naples	DAD/Salvage	Gunmetal	18 Tons	
Naples	M.R.S.	Lead, pig Lead sheet, in rolls 3/16", ¼", 5/16" thick	10 Tons 35 Tons	
Naples	M.R.S.	Lead Ingot	7 Tons	
Naples	AMG/III	Lead, for cable covering	100 Tons	
Naples	DAD/Salvage	Brass, various forms	307 Tons	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material NON-FERROUS METAL Class I - B

AMG/ACC File.	Date of Survey	Name and address	Location	Controlled by	Description
BRASS AMG - 17	8 Feb	Ital. State Ry. Yards Purgatorio	Naples	M.R.S.	Pig Brass Pig Bronze
ZINC	8 Feb	" " " "	Naples	M.R.S.	Zinc Sheet 1/16" x 40" 1/8" x 40" Zinc cakes
	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Zinc Ingot Zinc Scrap Zinc Strip,
AMG - 15	26 Jan	FBS Engrs Depot 390 390 Corso Caribaldi	Naples	FBS Engrs	Zinc Ingot
Material	COPPER	Class I-B			
	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Copper, vari
AMG/III 1371	22 Jan	F.I.C.E. via Arenaccia, 236	Naples	AMG/III	Copper wire Copper Scrap
AMG - 17	20 Jan	Ital. State Ry Yards	Naples	M.R.S.	Copper Sheet 1/16" x 40" 1/16" x 36" Heavy Copper Copper Pig Copper Wire, 4mm to 17mm
Material ECA/189/9	TIMBER 10 Jan	Class II AMG - Region II	Matera	AMG/II	Timber Logs Roof Trusses

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WEERING MATERIALS COMMITTEE.

3810

Date 9 Feb 44

	Location	Controlled by	Description of material	Quantity on hand	Monthly Production
rds	Naples	M.R.S.	Pig Brass Pig Bronze	28 Tons 36 Tons	
	Naples*	M.R.S.	Zinc Sheet 1/16" x 40" x 80" 1/8" x 40" x 80" Zinc cakes	10 sheets 50 sheets 6 Tons	
	Naples	D.D/Salvage	Zinc Ingot Zinc Scrap Zinc Strip, new	18 Tons 20 Tons 4 Tons	
0 1	Naples	PBS Expts	Zinc Ingot	4 Tons	
	Naples	D.D/Salvage	Copper, various forms	28 Tons	
	Naples	A.M.G/III	Copper wire Copper Scrap	28 Tons 12 Tons	
rds	Naples	M.R.S.	Copper Sheets 1/16" x 40" x 80" 1/16" x 36" x 72" Heavy Copper Plates Copper Pig Copper Wire, strand ed, 4mm to 17mm	220 sheets 35 sheets 10 Tons 25 Tons 24 Tons	
	Matera	A.M.G/II	Timber Logs Roof Trusses, 7M Span	300 C.M. 20 pcs	

Declassified E.O. 12356 Section 3.3/NND No. 785016

Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material TIMBER Class II

AMG/AOC File.	Date of Survey	Name and address.	Location	Controlled by	Descript
AMG/III 2307	28 Jan	Ditta Fasano Mario & C.I. via Napoli, 7	Benevento	AMG/III	Soft &
AMG - 17	24 Jan	Ital. State Py. Yds Purgatorio	Naples	N.R.S.	Wood Tel 8 to 12
	1 Feb	Feltrinelli, Giuseppi Montella	Avellino	A.M.G./III	Chestnut
	31 Dec	S.A.C.A.M., via Cappella Vecchia, 31	Naples	AMG/III	Chestnut Poplar Nutwood Fir Walnut,
AMG - 15	26 Jan	PBS Engrs Depot 390 390 Corso Garibaldi.	Naples.	PBS.Engr.	Plywood

Material. ASBESTOS-CEMENT. Class III.

EGA/189/9	10 Jan.	AMG.Region II Reggio,Caserta, Catanzaro provinces.	Matera	AMG/II	Asbestos Sheets, " co Ridge ti
AMG-17	3 Feb.	Italian State Rly. Yard. Purgatorio.	Naples.	N.R.S.	Asbesto Diam. 25 mm 32 " 45 " 75 " 100 " 120 " 130 " 150 " 200 " 250 "

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ENGINEERING MATERIALS COMMITTEE.

Date 5 Feb 44.

ss.	Location	Controlled by	Description of material.	Quantity on hand	Monthly production
aria & C.I. 7	Benevento	AMG/III	Soft & Hard Wood	100 C.M.	
. Yds	Naples	N.R.S.	Wood Tel Poles. 8 to 12 M long.	2000 pcs.	
uiseppi	Avellino	A.M.G./III	Chestnut Plank	280 C.M.	reported to DDF 1 Feb
cchia, 31	Naples	AMG/III	Chestnut boards Poplar " Rubwood " Fir " Walnut, etc	200 C.M. 35 C.M. 45 C.M. 100 C.M. 30 C.M.	Able to produce joinery, furniture etc.
t 390 bnldg.	Naples.	FBS.Engr.	Plywood, 1.5 x 2.0 m.	500 pcs.	
, Catun- .	Matera	AMG/II	Asbestos Cement. Sheets, flat 1 mx1m " corrugated 1 x 2.5 Ridge tiles.	4000 pcs. 1000 pcs 1000 pcs.	
rdy. io.	Naples.	N.R.S.	Asbestos Cement Pipe. Diam. / Length. 25 mm / 2 m. 32 " / 2 " 45 " / 2 " 75 " / 3 " 100 " / 4 " 120 " / 4 " 130 " / 5 " 150 " / 4 " 200 " / 4 " 250 " / 4 "	 1750 pcs. 3670 " 2400 " 120 " 150 " 50 " 96 " 590 " 236 " 182 "	

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material. PLUMBING SUPPLIES. Class III.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descripti
AMG-15	26 Jan.	PBS. Engr. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Pipe fitti Valves, ½ Lavatorie
AMG-17		Italian State Rly. Yard Purgatorio.	Naples.	M.R.S.	Pipe fitti Float valv Faucets. Water met
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipia.	Naples.	AMG/III.	Electric M Air compre Concrete M Lime Mixer Concrete b Stone crus Grinding w

Material. MISCELLANEOUS. Class IV.

LEATHER BELTING.	25 Jan.	Megaldi Salerno.	Salerno.	AMG/II.	Leather be
INSULATING MATERIALS. AMG/III 1371	22 Jan.	M.I.C.E. Via Arenaccia, 256.	Naples.	AMG/III.	Materials Insulating Ingredient Paper cove Rayon & Li Ingredient cables. Ditto for
ROOFING PAPER. AMG-15.	26 Jan.	PBS. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Roofing pa
PIPE COVERING.	26 Jan.	" " "	"	"	Asbestos P

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ENGINEERING MATERIALS COMMITTEE.

Date 5 Feb. 44.

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Naples.	PES. Engrs.	Pipe fittings, ¼" to 1½" Valves, 1¼" to 2½" Lavatories & Sinks.	Small stock. " " 30 pcs.	
	Naples.	M.R.S.	Pipe fittings, brass, small sizes. Float valves Faucets. Spiggots. Water meters, small.	Large stock.	
	Naples.	AMG/III.	Electric Motors, from ¼ to 9 h.p. Air compressor Concrete Mixers Lime Mixers Concrete barrows Stone crusher Grinding wheels.	58 motors. 1 pcs. 38 " 5 " 5 " 1 " 22 "	
	Salerno.	AMG/II.	Leather belting.	Not given.	Reported to be manufacturing belting at present from leather stock on hand.
	Naples.	AMG/III.	Materials for insulating Electric Cables. Insulating mixture Ingredients for Insulating mixt. Paper covering Rayon & Linen Ingredients for impregnating cables. Ditto for pipe	25 Tons. 80 " 50 " 50 " 10 " 20 "	
	Naples.	PES.Engrs.	Roofing paper.	84 rolls.	
	"	"	Asbestos Pipe Covering.	75 boxes.	

APPENDIX "B"

APPENDIX "B"

Appendix "B" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

MINUTES OF INDUSTRIAL GASES SUB-COMMITTEE

1. This sub-committee meeting was held at Adv. Admin. Ech., AFHQ, at 14.30 hours 22 Jan 44.

Present:-	Col. W.T. Cobb	Ord (Br)
	Major R.E. Macdonald	Engineer Section, PBS.
	Major R.N.J. Burgess	Ord (Br)
	S/Ldr. Symes	HQ, 214 Gp. R.A.F.
	Capt. W.E. Mydans	AMG/ACC

The M.A.A.F. representative did not attend.

2. The sub-committee considered the subject of the provision of gases as a whole divided into sections by gases.

3. OXYGEN:

The report submitted by Capt. Mydans was studied and after general discussion it was agreed that requirements of oxygen be considered under two headings, (a) commercial and (b) breathing.

(a) It was considered that the total production of plants now operating was required for commercial oxygen.

(b) It was considered that the only satisfactory sources of breathing oxygen were mobile plants in possession of R.A.F. units and the Taranto plant. These sources are quite inadequate to produce the quantity of gas demanded by M.A.A.F. - now reduced to 7,000,000 cu.ft.

(c) It was also stated that whilst M.A.A.F. were asking for vast quantities of oxygen, no recommendations had yet been forthcoming from them to suggest any method of producing their requirements.

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(c) It was also stated that whilst M.A.A.F. were asking for vast quantities of oxygen, no recommendations had yet been forthcoming from them to suggest any method of producing their requirements.

(d) It was unanimously agreed that only by putting the CROTONE plant into operation could the quantity of breathing oxygen demanded by MAAF be produced in that part of Italy under Allied control.

(e) It was decided that M.A.A.F. be asked to assume full responsibility for CROTONE and that Capt. Mydans be made available to them for the submission of a detailed report on the work necessary before the filling of oxygen cylinders at CROTONE can be undertaken should M.A.A.F. have no technician available for this purpose.

4. CROTONE:

The following points from Capt. Mydans' preliminary report were emphasised:

(a) Production

Capacity up to 10,000,000 cu.ft. per month, 99.5% pure.

(b) Requirements

(i) Electric power: Approx. 450,000 KWH for each 1,000,000 cu.ft. of oxygen produced.

(ii) Suitable compressors - M.A.A.F. cylinders are filled at a pressure of 2,200 lbs. per sq.in.; R.A.F. cylinders at 3,600 lbs. per sq.in.

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(iii) Repairs to gasometer.

(iv) Construction of cylinder-filling racks.

(v) Raw materials: 5 tons of Caustic Potash monthly.

(c) The hydrogen by-product could be partially utilised in metal cutting in demolition work and so reduce the requirement of acetylene.

(d) As medically pure oxygen is equally well suited for commercial use any surplus from CROTONE above M.A.A.F. requirements would be available for other sources.

(e) The work could be completed within one month if tackled with sufficient energy.

5. ACETYLENE:

The production from plants and requirements of services were reviewed and the following points are recorded:

(a) It was stated that production was still 33.1/3% below present requirements.

(b) It was reported by Ord (Br) that despite the fact that "Q" authority had been given for the work to be carried out on a high priority no steps had been taken to date by Works Services, 2 District, to construct the second acetylene-filling plant at Castellammare.

(c) Major Macdonald stated that it might be possible for U.S. Engineers to assist with this work if no assistance was forthcoming from Works Services, and it was agreed that Majors Macdonald-Burgess should discuss this question further.

(d) It was recommended that low pressure generators be employed in all static installations such as Base Workshops, in order to ease the strain on plant production and to reduce the number of cylinders at present required to begin circulation.

Low pressure generators were reported to be available in Naples from local manufacture.

(e) It was recommended that in view of difficulties experienced in transporting cylinders from Taranto, R.A.F. requirements for Western Italy should be drawn from Ord (Br) in the Naples area. This was mutually agreed between R.A.F. and Ord (Br) and detailed arrangements will be made by the

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requirements.

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6. GENERAL:

The effect on gas production of the frequent failures of electric power in the Naples Area was mentioned. It was stated by Capt. Mydans that an alternative power supply for plants was essential if the considerable loss in production now being experienced was to be avoided.

It was stated by Major Macdonald that mobile generating sets were available for plants under U.S. control in the event of electrical breakdowns.

Ord (Br) reported that it should be possible for the Castellammare plants to be linked up with the GASLINI factory at Castellammare and undertook to apply to Works Services for this to be arranged.

(Sgd.) R.N.J. BURGESS MAJOR,
SECRETARY, INDUSTRIAL GASES SUB-COMMITTEE,
ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

27 JAN 44

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ADDENDUM

1. It is recorded that since the meeting of the sub-committee on 22 Jan 44 a meeting has occurred between Capt. Morrell, R.N., representing FOWIT, and Major Burgess, Ord (Br).

2. It has been agreed:

(a) That the production of the Oxygen plant at Catania shall be placed at the disposal of R.N. for issues of cylinders on a one-for-one (filled-for-empty) basis.

(b) That R.N. will arrange for the delivery by L.C.T. to Catania of empty cylinders and collection of filled cylinders in exchange.

(c) That R.N. will also collect ex Catania and deliver to Naples for Ord (Br) all filled oxygen cylinders held under military control in Catania surplus to local requirements.

(d) That the repair of cylinders be undertaken under Naval supervision in the workshops of Navale Meccanica, Naples.

(e) That R.N. will assist in the construction of the second acetylene plant at Castellammare if assistance is required.

3. R.N. are prepared to co-operate with M.A.A.F. in the work required at CROTONE for the establishment of a cylinder-filling plant.

4. Capt. Morrell has been invited to attend future meetings of the Industrial Gases Sub-Committee as representative of FOWIT.

5. It can now be reported that considerable progress has been made within the past few days on the extension to the existing acetylene plant at AVIS CAPRONI, Castellammare.

6. It is hoped to complete this work within the next 14 days to permit of the bottling of 75 standa rd British cylinders daily - equivalent to 206,230 cu.ft. per month.

7. This represents a n increase of almost 100 per cent on production as reported for this plant in the minutes of the sub-committee's meeting on 27 Dec 43

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APPENDIX C to Minutes of Engineering Materials Committee meeting held 11 FEB.44.

24 January 1944.

REPORT ON VISIT TO CELLULOSE-CHLORO-SODA PLANT

Submitted by: Capt. W.E. Hydens.

I. GENERAL. Dr. Cotern - Acting Manager. 142,000,000 lire invested in Naples plant.

II. PRODUCTION. Plant formerly produced the following materials:

Caustic soda, both in solution and fused.
Chlorine gas.
Hydrogen gas.
Hypochlorite of lime.
Hydrochloric acid.
Purified cellulose from straw or esparto.

III. PLANT. The plant is so thoroughly destroyed by German demolition mines that no part of it can be considered useful beyond salvage or cannibalization of isolated equipment or materials of value to Allies.

A. Electrical Equipment: destruction of transformers, converters (motor-generator units), switch gear, and auxiliary facilities complete: salvage scrap copper and steel.

B. Electrolytic cells: many are good or repairable, but cells without electrical equipment, gas-handling compressors, etc. are valueless. The cells have very little salvage value, aside from much copper in bus-bar leads.

C. Hydrogen Compressors. Three in number. Management claims that they are good and can be assembled. This appears doubtful, since parts of these disassembled machines were distributed haphazardly over a wide area and exposed to the weather. Efforts of the management to preserve this valuable machinery should be characterised as worse than apathetic. These compressors were designed to compress gas to 150 $Kg/_{cm.}^{2}$ (2,200 lbs per sq. inch).

D. Chloride of Lime (Hypochlorite of Lime) plant: 8 chambers of 3 mm. lead, each 400 cu. meter capacity (2 x 10 x 20 meters). The condition of these chambers varies from good to destroyed, and they can be considered as a source of sheet lead.

E. Paper producing plant:

1. Pure pulp digesters of heavy steel appear intact (ca. 3½ m. diam. x 7 m. deep.

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(motor-generator units), switch gear, and auxiliary machines complete [illegible] scrap copper and steel.

B. Electrolytic cells: many are good or repairable, but cells without electrical equipment, gas-handling compressors, etc. are valueless. The cells have very little salvage value, aside from much copper in bus-bar leads.

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E. Paper producing plant:

1. Huge pulp digestors of heavy steel appear intact (or 3½ m. diam. x 7 m. deep.)
2. Most of paper making machinery is suitable only for salvage and scrap.

F. Machine Shop: Small and inadequate for so large a plant. Most of the machines are undamaged but are archaic.

G. Additional Materials.

1. Large coal stock pile estimated in the order of 1,000 tons. One large pile near the gate is Sardinian coal. Several piles near boiler house are Silesian. Sardinian and mixed Silesian-Sardinian.

2. Large stock of new wooden barrels ranging from half hogsheads down to small barrels. These were uncounted but estimated at several hundred.

3. Considerable stock of cut lumber, suitable for packing box manufacture: circa 1 m. x 1.5 cm. x 30 cm.

4. Large number of valuable high pressure oxygen and hydrogen cylinders.
N.B. Hydrogen cylinders, properly cleaned, tested and fitted with new valves, may be used for oxygen storage. The demand for oxygen cylinders is expected to grow acute as production of that gas mounts.

(a) about 50 large German-made hydrogen cylinders of 76 litre capacity at 166 Kg/$\frac{2}{cm.}$
(b) about 60-70 hydrogen cylinders of approximately one half capacity of (a).
(c) about a dozen or more oxygen cylinders in and around machine shop.

N.B. Valuable cylinders are scattered all over the plant, even high in the wreckage of the paper plant. Little effort has been made by the management to gather valuable materials together.

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5. Two gasometers for hydrogen:
   (a) Large one of concrete, estimated at 5,000 cu. meter capacity, totally wrecked.
   (b) Smaller steel gasometer of ca. 500 cu. meter capacity: is repairable.

6. Large number of electric motors of varying size and H.P. are available, many with valuable built-in gear reduction boxes.

7. Of 5 electrically driven cellulose centrifuges, 3 appear to be undamaged.

8. There are several undamaged overhead track hoists of varying tonnage scattered about the plant.

9. There is a considerable stock of scrap copper wire and bus-bars stored in what was the office building.

IV. COMMENTS AND RECOMMENDATIONS:

A. This plant and its contents are now frozen by AMG Region III.

B. So completely destroyed is this plant that no consideration should be given its rehabilitation. Extensive cannibalization of salvagable material and equipment should be made in the interests of the Allied effort.

C. The attitude of the management appeared somewhat less co-operative than could be desired, and this inspecting officer came away with a feeling that the management was neither too anxious to help us nor very diligent in the care and safeguarding of such plant assets as remain. The situation of the hydrogen compressors gives point to this observation: the management contends that the compressors and electric motor drives were undamaged, yet the compressors were all disassembled and scattered about the landscape and the motors were not in evidence. The conclusion was inescapable that this state of affairs is deliberately intended to discourage Allied organisations from requisitioning and taking away any assets.
Further, when another officer (U.S.) who was present pressed the management as to their position relative to sale or lease of equipment to U.S. or British Armies, they were most emphatic that they would not do so voluntarily.

D. In view of the attitude described in (C) above, it is recommended that diligence be exercised to prevent destruction, disappearance or injury to such assets as remain.

E. Small gasometer should be earmarked for one of Army oxygen or acetylene plants (see III G5 above).

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E. Small gasometer should be earmarked for one of Army oxygen or acetylene plants (see III G5 above).

F. Hydrogen compressors and motors should be earmarked, if found reasonably complete, for Crotone Plant for gas handling. (see IIIC).

G. All high pressure gas cylinders should be collected and transferred to some proper army agency for immediate disposition and use. Action is urgent.

H. The overhead track hoists should be dismantled and removed for use elsewhere (see III G 8 above).

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APPENDIX "D"

APPENDIX "D"

Appendix "D" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

SUBJECT: Compressed Gases Cylinders

To:- Local Resources Section,
AFHQ Adv. Adm. Sch.

Unused high pressure gas cylinders have been observed in the following places, by representative of ACC (Ind. & Commerce):-

A. Cellulosa-chloro-soda plant, Naples.

1. 50 German made hydrogen cylinders
76 litre (water) capacity 225 Kg. per cm^2

2. 60-70 hydrogen cylinders of approximately half capacity of 1.

3. About 12 oxygen cylinders in workshop.

B. Industre Meridiona li Azoto & Derwati, Naples.

(Via Traccia Poggioreale) - PES, Engrs. 102

Balloon Barrage Battery

41 Hydrogen cylinders. Identical with A.1 above.

C. Avis Caproni Works, Castellamare.

British Ordnance Acetylene plant.

50 large British hydrogen cylinders.

D. Applicazione Soldatura Autogeni, Castellamare.

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3. About 12 oxygen cylinders in workshop.

B. Industre Meridiona li Azoto & Derwati, Naples.

(Via Traccia Poggioreale) - PBS, Engrs. 102

Balloon Barrage Battery

41 Hydrogen cylinders. Identical with A.1 above.

C. Avis Caproni Works, Castellamare.

British Ordnance Acetylene plant.

50 large British hydrogen cylinders.

D. Applicazione Soldatura Autogeni, Castellamare.

40 U.S. Army Hydrogen cylinders
15 German Hydrogen cylinders
About 35 hydrogen cylinders similar to A.1 above

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(Sgd.) A.S. AUSTIN,
CAPTAIN,
ENGINEERING MATERIALS COMMITTEE.

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APPENDIX "E"

APPENDIX "E"

Appendix "E" to Minutes of
Engineering Materials Committee
Meeting held 11 February 1944

SUBJECT:- Extracts from Report on Montecatini plant at CROTONE, submitted by Capt. W.E. Mydans, HQ AMG. - 23 Dec 43

TO:- Industrial Gases Sub-Committee, AFLR (Italian) Board.

FROM:- ACC/AMG member of Industrial Gases Sub-Committee

1. Electrical Transformer and Converter Station:

A. Electric power is purchased from Soc. Meridionale Elettrica in two circuits which can furnish 900,000/1,000,000 KWH of power per day. Present power contract runs until 1950, calls for minimum of 300,000,000 KWH per annum at 0.05 lire per KWH. The power is generated hydro-electrically at Timpa Grande, some 40 km. by wire from the plant.

About 85% of the power is transformed and converted to direct current of 500 volts for use in the electrolytic cells. The remaining 15% of the power is transformed to 500 volts A.C. and is used for plant power.

B. Equipment: All of the transformers and all but one of the converters are in good and operative condition. One Oerlikon Converter of 4,000 KW capacity has a burnt commutator which cannot be repaired at the plant.

C. Immediate Requirements: Repair of roof.

2. The Hydrogen/Oxygen Plant:

Hydrogen and oxygen are generated by the electrolysis of caustic potash solution (25%). This method is employed because large amounts of cheap electric power are available.

There are 8 batteries of electrolytic cells of which two are badly damaged by bombing and are inoperative, leaving 6 operative batteries. One will be held as a spare to permit necessary repairs, leaving 5 batteries for continuous operation.

Production with 5 batteries operating full will be about 3,000 cu.metres of Hydrogen gas and about 1,500 cu.metres of oxygen gas per hour.

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lire per KWH. The power is generated hydro-electrically at Timpa Grande, some 40 km. by wire from the plant.

About 85% of the power is transformed and converted to direct current of 500 volts for use in the electrolytic cells. The remaining 15% of the power is transformed to 500 volts A.C. and is used for plant power.

B. Equipment: All of the transformers and all but one of the converters are in good and operative condition. One Oerlikon Converter of 4,000 KW capacity has a burnt commutator which cannot be repaired at the plant.

C. Immediate Requirements: Repair of roof.

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There are 8 batteries of electrolytic cells of which two are badly damaged by bombing and are inoperative, leaving 6 operative batteries. One will be held as a spare to permit necessary repairs, leaving 5 batteries for continuous operation.

Production with 5 batteries operating full will be about 3,000 cu.metres of Hydrogen gas and about 1,500 cu.metres of oxygen gas per hour.

The Hydrogen Gasometer of 5,000 cu-metres capacity is entirely destroyed. The Nitrogen gasometer of 5,000 cu.metres is repairable.

Requirements: (a) Distilled Water: about 250 cu.metres per 24 hours which requires about 25 m. tons of coal per day for its production. 3853

(b) The caustic potash output from caustic potash plant is used here.

(c) Four 150 cu.metre barrage ballons to act as temporary gas holders for hydrogen to replace the gasometer destroyed by bombing.

N.B. The R.A.F. is now taking about 1,000 cu.metres of hydrogen per day (and have an agreement to take up to 2,000 cu.metres per day) for balloon purposes. This demand for hydrogen should not be disturbed. They have installed their own compresser and auxiliary equipment.

8. Distilled Water:

Large modern facilities, adequate for all needs of plant, and undamaged.

Distilled/

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Distilled water is essential for the operation of the electrolytic cells for oxygen production, and some 15 tons of coal per day will be required for this purpose.

9. Electrolytic Caustic Potash Plant:

Plant is modern and essentially undamaged and consists of 12 cells, of which 10 are normally operated in series with two as spares or under repair.

Much of the mercury required as cathode was sent north prior to Allied invasion, and only enough is now on hand to operate 5 cells. Each cell requires 1.5 m. tons of mercury for operation.

Each cell consumes between 800 - 1000 KWH per 24 hours, and converts 4.5 quintals of high quality potassium chloride (98% KCl formerly secured from Germany and Spain) into 3 quintals of Caustic Potash in dilute water solution.

N.B. 1. The entire output of this plant is utilised in the hydrogen-oxygen electrolysis plant. None is available for sale.

2. The product of this plant is not dry caustic potash suitable for shipment, but a dilute water solution of 30° Be.

3. On hand are about 325 tons of Potassium Chloride (KCl) which will be adequate for about 5 months of operation, using but five electrolysis cells.

By-products of Caustic Potash Operations:

1. About 48 cu.metres of hydrogen gas are produced by each cell per 24 hours. This gas production is normally mixed with the main hydrogen supply.

2. About 48 cu.metres of chlorine gas are produced by each cell per 24 hours. This gas has, in the past, been thrown away. With 5 cells in operation, 240 cu.metres of chlorine gas will become available, but without equipment with which to dry and liquefy it and without pressure cylinders for shipment.

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Declassified E.O. 12356 Section 3.3/NND No. 785016

APPENDIX "F"

APPENDIX "F"

Appendix "F" to Minutes of
Engineering Materials Committee
Meeting held on 11 February 1944

SUBJECT:- Oxygen Plant

8 February 1944

TO:- Chairman, Industrial Gases Sub-Committee,
Allied Force Local Resources (Italian) Board.

FROM:- HQ, ACC (Industry & Commerce)

1. A new and unfinished plant has been discovered which was designed to produce ammonia by the synthetic process: Industrie Meridionali Azoto & Derivati, located at Via Traccia Poggioreale, Naples. Present in this establishment is a complete plant for the liquefaction of air to produce the nitrogen needed in the process. It is the opinion of our expert that this plant might be completed and operated for the production of very large amounts of oxygen.

2. This plant is now under the control of PBS Engineers.

3. In accordance with para.3(c) of Minutes of Industrial Gases Sub-Committee Meeting, 22 January 1944, it is suggested that M.A.A.F. be informed and asked to look into this matter. Capt. Mydans will assist in every way possible.

By command of Lieut.General MACFARLANE

(Sgd.) W.P. EVANS COLONEL,
DIRECTOR,
INDUSTRY & COMMERCE SUB-COMMISSION.

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APPENDIX G to Minutes of Engineering Materials Committee meeting held 11 FEB. 44.

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

Schedule No. 1 - CONTROLLED ITEMS - 26 JANUARY 1944.

GROUP 1 (a) METALS - FERROUS.

1. Billets and Ingots.
2. Cable and wire.
3. Machine and tool steel.
4. Structural steel.
5. Steel of all kinds.

GROUP 1 (b) METALS - NON-FERROUS.

6. Aluminium.
7. Antimony.
8. Brass.
9. Copper.
10. Chromium.
11. Lead in all forms.
12. Pure Mercury.
13. Molybdenum.
14. Monel metal.
15. Nickel.
16. Solder.
17. Tin.
18. White metal for bearings.

GROUP 2. TIMBER.

19. Balk Timber over 6" x 6"
20. Constructional timber-smallest dimension /3" up to 6"x 6".
21. Logs.
22. Plywood.
23. Sleepers - RR Ties.
24. Structural material-smallest dimension under 3".

GROUP 3. OTHER BUILDING MATERIALS.

25. Cement.
26. Paint.
27. Pigments for paint.
28. Varnish.

GROUP 4. MACHINERY & PLANT.

29. Belting.

GROUP 5. ELECTRICAL MATERIALS.

30. Accumulators.
31. Batteries.
32. Copper and Aluminium
33. E.L. Bulbs.
34. E.L. Fittings.
35. Insulators/conductors.
36. Jointing composition.
37. Motors.
38. Portable generators.
39. Sulphuric Acid.
40. Switch gear.
41. Transformers.
42. Transformer oil.
43. Welding rods.
44. Wires and cables.

GROUP 6. INDUSTRIAL GASES.

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21. Logs.
22. Plywood. /3" up to 6"x 6".
23. Sleepers - RR Ties.
24. Structural material-smallest dimension under 3".

GROUP 3. OTHER BUILDING MATERIALS.

25. Cement.
26. Paint.
27. Pigments for paint.
28. Varnish.

GROUP 4. MACHINERY & PLANT.

29. Belting.

GROUP 5. ELECTRICAL MATERIALS.

30. Accumulators.
31. Batteries.
32. Copper and Aluminium
33. E.L. Bulbs.
34. E.L. Fittings.
35. Insulators/conductors.
36. Jointing composition.
37. Motors.
38. Portable generators.
39. Sulphuric Acid.
40. Switch gear.
41. Transformers.
42. Transformer oil.
43. Welding-rods.
44. Wires and cables.

GROUP 6. INDUSTRIAL GASES.

45. Acetylene.
46. Ammonia.
47. Bottles and containers.
48. Oxygen.

GROUP 7. MISCELLANEOUS.

49. Caustic Soda.

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Lt Col. Matters

COPY NO. 10

AFHQ ADV. ADM. ECHELON
LOCAL RESOURCES SECTION
C.M.F.

REF:- 7/2/LR

3 FEBRUARY 1944

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE - AGENDA

The sixth meeting of the Engineering Materials Committee will be held in the Conference Room, AFHQ Adv. Adm. Sch. on FRIDAY, 11 FEBRUARY 1944, at 09.30 hours to consider the following Agenda:-

1. Minutes of the previous meeting, 14 January 1944.

2. To consider any matters arising from the meeting of the Board held 31 January 1944.

3. To review the list of controlled items submitted for publication and produce a shorter list of critical items.

4. To receive and consider report from the Industrial Gases Sub-Committee established at the last meeting, 14 January 1944.

5. To receive a report from the Royal Navy on the availability of steel air cylinders at the Ansaldo Works, Pozzuoli, for storage of gas and to make allocations, if necessary.

6. To discuss matters arising out of the allocations made at the previous meeting held on 14 January 1944 of:-

   (a) Timber
   (b) Cement
   (c) Industrial Gases

7. To receive report from A.C.C. regarding availabilities in para.9 of the Minutes of the meeting held 14 January 1944.

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3. To review the list of controlled items submitted for publication and produce a shorter list of critical items.

4. To receive and consider report from the Industrial Gases Sub-Committee established at the last meeting, 14 January 1944.

5. To receive a report from the Royal Navy on the availability of steel air cylinders at the Ansaldo Works, Pozzuoli, for storage of gas and to make allocations, if necessary.

6. To discuss matters arising out of the allocations made at the previous meeting held on 14 January 1944 of:-

(a) Timber
(b) Cement
(c) Industrial Gases

7. To receive report from A.C.C. regarding availabilities in para.9 of the Minutes of the meeting held 14 January 1944.

8. To submit a further list of priority articles.

9. To consider the prices of oxygen and acetylene gas fixed by H.Q., A.M.G., Region III.

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10. To consider the disposal of wrecked steelwork, suitable for railway bridging material, lying at the Ansaldo Munitions Works at Pozzuoli, and a request from Tn(Br) and D.G.M.R. for the allocation of this material.

11. To receive the request from AFHQ Adv. Adm. Sch., Petroleum Section, for the release of sulphuric acid, frozen at the Bagnoli Plant of the Montecatini Chemical Company.

12. To receive a request from 214 Gp. R.A.F. for the following commodities:-

Copper sheets.
Asbestos sheets.
Seasoned spruce for repairs to wooden propeller blades.

13./

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13. To receive requirements of interested Services of Antimony and to make allocation from the stocks at present lying at Fabbrica Acculatori, Parentopo.

14. To make allocation of equipment and materials notified available a t the Cellulosa-Cholore-Soda Plant, Naples.

15. To receive demand from A.M.G. for 75 tons melted cement for pyrites furnaces, 500 cu.metres of oxygen gas and 1 ton of calcium carbide and to make allocation, if necessary.

16. To receive requests from Services for allocation of 3,925 tons of steel ingots, 9" by 9" by 90", available at Palermo.

17. Any other business.

18. To determine the date of the next meeting.

THOMAS R. GIBSON
LT.COL. AUS
VICE-CHAIRMAN (AM)

J.L. PRESCOTT
LT.COL. AQMG
VICE-CHAIRMAN (BR)

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

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13/14	214 Gp. R.A.F.
15/16	D.G.M.P.
17	ORD (Br)

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THOMAS R. GIBEON
LT.COL. AUS
VICE-CHAIRMAN (AM)

J.L. PRESCOTT
LT.COL. ACMG
VICE-CHAIRMAN (BR)

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11/12	AAFSC/MTO
13/14	214 Gp. R.A.F.
15/16	D.G.M.R.
17	ORD (Br)
18/19	H.Q., A.C.C.
20	A.F.L.R. (Sicilian) Board
21	A.F.L.R. (Sardinian) Board
22	D.Q.M.G.
23	D.Tn.(Br)
24/32	Local Purchase Section
33/34	H.Q., No.3 District.
35	File
36/40	Spares

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SJBL/MGM

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HEADQUARTERS
ALLIED CONTROL COMMISSION
INDUSTRY & COMMERCE SUBCOMMISSION
APO 394

ABA/ln

AGC/5022/IC

9 February 1944

SUBJECT: Availability Report - Engineering Materials

TO : Engineering Materials Committee

1. Advance distribution is made hereby of the Availability Report which will be submitted to Engineering Materials Committee on 11 February.

A. S. Austin

A.S. AUSTIN, Capt.
Engineering Materials Committee
(A F L R I P)

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material MISCELLANEOUS. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Description
PITCH for caulking.	1 Feb.	Various small manufacturers - reported by XV-AFSC.	Brindisi Molfetta	XV- AFSC.	Tar. Hemp.
XV-AFSC.	1 Feb.	Arturo Ceci	Bari	-	Raw materi
AMG-C	5 Jan.	Colorificio L. Cerimi S.A. Via Achille Consiglio, 3 Rorina.	Naples.	AMG/III.	Pigments.
AMG-17	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	M.M.S.	Dry paint Red Bronze Aluminium Oils Varnishes Paint, mix
SULPHURIC ACID.		Montecatini Milazzo.	Sicily.	AMG/I.	Sulphuric
XV-AFSC.	1 Feb.	Montecatini.	Barletta.	AOD-Bari.	Sulphuric
AMG-2182	4 Feb.	Montecatini, Portici Wks. Via Nocello Nuovo 4.	Naples.	ADOS.	Sulphuric Muriatic A Nitric Aci
AMG-1403	8 Feb.	Montecatini, Bagnoli Wks. Via Coroglio, 104 Bagnoli.	Naples.	PBS. Transp.	Sulphuric

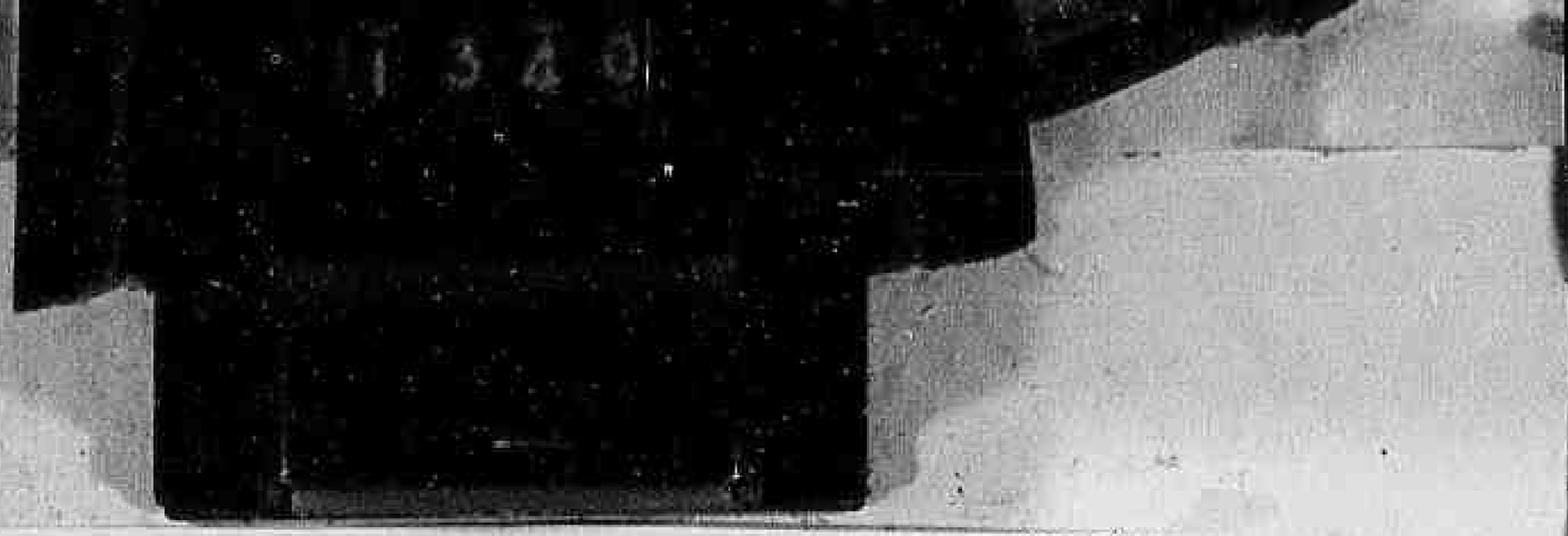
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GINEERING MATERIALS COMMITTEE.

Date 9 Feb.44

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	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
a	Brindisi Molfetta	XV- AFSC.	Tar. Hemp.	2 Tons. 1 Ton.	2 tons. 1 ton.
	Bari	-	Raw materials for paints.	2 Tons.	2 tons.
ni	Naples.	AMG/III.	Pigments.	2.5 tons.	15 tons with necessary materials.
	Naples.	F.A.S.	Dry paint powders. Red Bronze Aluminium Oils Varnishes Paint, mixed	125 kg. 100 " 12 " 500 " 250 " 35 gal.	
	Sicily.	AMG/I.	Sulphuric Acid, 66° Be	150 Tons	Reported for information by Ind. & Comm-ACC.
	Barletta.	AOD-Bari.	Sulphuric Acid, 50° Be.	50 Tons.	Some glass carboys available, but few packing baskets.
	Naples.	ADOS.	Sulphuric Acid, 50 Be Muriatic Acid Nitric Acid	155 Tons (150 ") (10 ")	
	Naples.	PBS. Transp.	Sulphuric Acid, 50° Be	396 Tons	
			Total ...	751 Tons.	



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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material HORSE SHOES. Class Priority.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Description
XV-AFSC.	1 Feb.	Arturo Ceci	Bari.		Horse shoe
		:Sources listed below have been included in preliminary reports to A			
	2 Jan.	Treichler, Via Nuova Capodimonte, 84.	Naples.		Horseshoes
	"	Damiani Via Niccolini, 77.	Naples.		"
	"	Papero V.Macedonio Melloni	"		"
	"	Carrino, Salvatore V.Michele Morelli, 24.	"		"
	"	Carrino, Giovanni V.Polveriera Vecchia	"		"
		No source for manufacture of Horse Shoe Nails was discovered in Occ			

Material. TIN. Class Priority.

XV.-AFSC.	1 Feb.	Arturo Ceci.	Bari.	XV-AFSC.	Tin.
		: See also availability report of 10 Jan 1944 - Tin			

BRASS ROD.

AMG-17.	8 Feb.	Italian State Rly. Yards, Purgatorio.	Naples.	M.R.S.	Brass rod Hex.& Rou

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G MATERIALS COMMITTEE.

Date 9 Feb 4

.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Bari.		Horse shoes.		20,000 pcs.
elow have been included in preliminary reports to AFHQ. §					
uova	Naples.		Horseshoes.		1,500/3,000
7.	Naples.		"		3,000/6,000
oni	"		"		3,000
re i, 24.	"		"		8,000
i chia	"		"		1,500
nufacture of Horse Shoe Nails was discovered in Occupied Italy.				TOTAL...	37,000 to 41,500 per month.
	Bari.	XV-AFSC.	Tin.	0.4 Tons.	None.
e also availability report of 10 Jan 1944 - Tin, page 8. :					
y. o.	Naples.	M.R.S.	Brass rod, High Tensile Hex.& Round, various sizes.	1 Ton.	

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AMG/ACC File. —

Material STEEL. Class I-A.

AMG/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by.	Descr
	3 Feb.	Base Salvage Depot. Metallurgica Meridionale Sa.	Naples.	DAD/ Salvage.	Steel Reinf
AMG-7.	3 Feb.	Italian State Rly. Yrds. Purgatorio.	Naples.	U.S.T.S.	Struct Angle Square Hex. Round Pipe
AMG-15	26 Jun.	PES. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PES. Engrs.	Struct Angles Channe Bars, " Rods. Sheet, Baling Bandi Nails, Pipe, Pipe,
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipio.	Naples.	AMG/III.	Struct Rods, Hexag I-Bea Rail Pipe Steel

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	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
on-	Naples.	DAD/ Salvage.	Steel Blooms Reinforcing rods.	3,025 tons. 4 "	
	Naples.	U.S.A.	Structural steel. Angles Square bars Hex. bars Round bars Pipe	29 tons 5 " 23 " 110 " 47 "	See invent for details.
	Naples.	U.S.Navy.	Structural steel. Angles. Channels. Bars, flat " square Rods. Sheet, 6 & 7 mm. Total...	80 tons. 12 " 20 " 13 " 55 " 14 " 194 "	
			Baling wire Banding strip Nails, assorted Pipe, misc. sizes up to 4" Pipe, ¾" galvanized.	200 rolls. 700 bundles. 25 tons. small quantity. large quantity.	
g.	Naples.	AMG/III.	Structural steel. Rods, 5 mm to 45 mm. Hexagonal, 30 mm. I-Beams Rail Pipe Steel cable.	48 tons 5 " 3 " 13 " - ¼ " - ½	

Page 3.

Date 9 Feb 44

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Appendix A.

ENGINEERING MATERIALS (CLASS I)

Material STEEL PRODUCTS. Class I - A

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Desc
AMG/III 1378	28 Jan	S.A. Ferriere Giovanni Gerosa via Arenaccia, 32	Naples	AMG/III	Wire Nail
AMG - 17	20 Jan	Ital. State Ry Yards Purgatoria	Naples	M.R.S.	Nail Scr Bol Nut Was Riv Sma Mil Gri Bit Tap Sho Hau Anv Vic Eme Pub C. C. Gat Wat Tar St
	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Alu

Material ALUMINUM Class I - B

Declassified E.O. 12356 Section 3.3/NND No. 785016

ENGINEERING MATERIAL (Continued).

Date 9 Feb 44.

	Location	Controlled by	Description of material	Quantity on hand	Monthly Production.
	Naples	AMG/III	Wire for Nail making Nails assorted	50 Tons 60 Tons	
ds	Naples	M.R.S.	Nails, assorted Screws " Bolts " Nuts, hex " Washers " Rivets " Small Tools Files Grinding Wheels Bits & Augurs Taps Shovels, Picks, Axes Mauls, Hammers Anvils Vices Emery cloth Public Works Equipment. C.I. Water Mains C.I. Fittings Gate Valves Water Meters Tar Pots, on wheels, for Street repairs	5 Tons 3000 gross 38605 Kegs 13715 " Fair Quantities Large Quantities	
t	Naples	DAD/Salvage	Aluminum Ingot " Cast Scrap " Acro Scrap	2½ Tons 15 Tons 67 Tons	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material ALUMINUM Class I - B

AMG/AGC File	Date of Survey	Name and address	Location	Controlled by	Descript
	3 Feb	Salvage Depot	Bari	DAD/Salvage	Aluminum
	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Aluminum Al. Shee
AMG/III 1371	22 Jan	F.I.C.E. (Elect. Cables) Via Arenaccia 236	Naples	AMG/III	Aluminum
AMG - 15	26 Jan	PBS Engrs Depot	Naples	PBS Engrs	Aluminum
AMG - 28	8 Feb	Banca d'Italia Bldg Piazza Municipio	Naples	AMG III	Aluminum airplane Aluminum

Material NON FERROUS METALS Class I - B

ANTIMONY	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	antimony
MAGNESIUM	20 Jan	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Magnesiu Thermit
GUNMETAL	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Gunmetal
LEAD AMG - 17	8 Feb	Ital. State Ry Yards Purgatorio	Naples	M.R.S.	Lead, pi Lead she 3/16",
	26 Jan	" " " "	Naples	M.R.S.	Lead Ing
	22 Jan	F.I.C.E. via Arenaccia, 236	Naples	AMG/III	Lead, To covering
BRASS	3 Feb	Base Salvage Depot	Naples	DAD/Salvage	Brass, W

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ENGINEERING MATERIALS OF SETTEE.

Date 9 Feb 44

	Location	Controlled by	Description of material.	Quantity on hand	Monthly Production
	Bari	DuD/Salvage	Aluminum Aero Scrap	175 Tons	
s	Naples	M.R.S.	Aluminum Wire Al. Sheet 1/16"x8"x8"	2300 Kg. 500 sheets	
les)	Naples	AMG/III	Aluminum Wire	20 Tons	
	Naples	PBS Engrs	Aluminum Ingot	0.8 Tons	
	Naples	AMG III	Aluminum, scrap Airplane propellors Aluminum strip	 4.6 Tons 0.4 Tons	
- B					
	Naples	DuD/Salvage	Antimony Rounds	10 Tons	
s	Naples	M.R.S.	Magnesium powder for Thermit welding	1250 Kg	
	Naples	DuD/Salvage	Gunmetal	18 Tons	
s	Naples	M.R.S.	Lead, pig Lead sheet, in rolls 3/16", ¼", 5/16" thick	10 Tons 35 Tons	
	Naples	M.R.S.	Lead Ingot	7 Tons	
	Naples	AMG/III	Lead, for cable covering	100 Tons	
	Naples	DuD/Salvage	Brass, various forms	307 Tons	

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Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material NON-FERROUS METAL Class I - B

AMG/ACC File.	Date of Survey	Name and address	Location	Controlled by	Descript
BRASS AMG - 17	8 Feb	Ital. State Ry. Yards Purgatorio	Naples	M.R.S.	Pig Bras Pig Brom
ZINC	8 Feb	" " " "	Naples	M.R.S.	Zinc She 1/16" x 1/8" x Zinc cak
	3 Feb	Base Salvage Depot	Naples	D.D/Salvage	Zinc Ing Zinc Scr Zinc Str
AMG - 15	26 Jan	PBS Engrs Depot 390 390 Corso Garibaldi	Naples	PBS Engrs	Zinc Ing
Material	COPPER	Class I-B			
	3 Feb	Base Salvage Depot	Naples	D.D/Salvage	Copper,
AMG/III 1371	22 Jan	F.I.C.E. via Arenaccia, 236	Naples	AMG/III	Copper Copper S
AMG - 17	20 Jan	Ital. State Ry Yards	Naples	M.R.S.	Copper S 1/16" x 1/16" x Heavy Co Copper I Copper W 4mm to 1
Material ECA/189/9	TIMBER 10 Jan	Class II AMG - Region II	Matera	AMG/II	Timber I Roof Tr

Declassified E.O. 12356 Section 3.3/NND No. 785016

	Location	Controlled by	Description of material	Quantity on hand	Monthly Production
rds	Naples	M.R.S.	Pig Brass Pig Bronze	28 Tons 36 Tons	
	Naples	M.R.S.	Zinc Sheet 1/16" x 40" x 80" 1/8" x 40" x 80" Zinc cakes	10 sheets 50 sheets 6 Tons	
	Naples	D.D/Salvage	Zinc Ingot Zinc Scrap Zinc Strip, r.c.w	18 Tons 20 Tons 4 Tons	
0 i	Naples	PBS Engrs	Zinc Ingot	4 Tons	
	Naples	D.D/Salvage	Copper, various forms	26 Tons	
	Naples	AMG/III	Copper wire Copper Scrap	28 Tons 12 Tons	
da	Naples	M.R.S.	Copper Sheets 1/16" x 40" x 80" 1/16" x 36" x 72" Heavy Copper Plates Copper Pig Copper Wire, stranded, 4mm to 17mm	220 sheets 35 sheets 10 Tons 25 Tons 24 Tons	
	Matera	AMG/II	Timber Logs Roof Trusses, 7M Span	300 C.M. 20 pcs	

Declassified E.O. 12356 Section 3.3/NND No. 785016

Appendix A

ENGINEERING MATERIALS COMMITTEE.

Material TIMBER Class II

AMG/ACC File.	Date of Survey	Name and address.	Location	Controlled by	Descri
AMG/III 2307	28 Jan	Ditta Fhanno Maria & C. I. via Napoli, 7	Benevento	AMG/III	Soft &
AMG - 17	20 Jan	Ital. State Ry. Yds Purgatorio	Naples	M.R.S.	Wood T 8 to 1
	1 Feb	Feltrinelli, Guisseppi Montella	Avellino	A.M.G./III	Chestn
	31 Dec	S.A.C.A.R., via Cappella Vecchia, 31	Naples	AMG/III	Chestn Poplar Butwoo Fir Walnut
AMG - 15	26 Jan	PBS Engrs Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engr.	Plywoo

Material. ASBESTOS-CEMENT. Class III.

EGa/189/9	10 Jan.	AMG. Region II Reggio, Casenza, Catanzaro provinces.	Matera	AMG/II	Asbest Sheets " c Ridge
AMG-17	5 Feb.	Italian State Rly. Yard. Purgatorio.	Naples.	M.R.S.	Asbest Diam. 25 mm 32 " 45 " 75 " 100 " 120 " 130 " 150 " 200 " 250 "

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Date 9 Feb 44

	Location	Controlled by	Description of material.	Quantity on hand	Monthly production
& C.I.	Benevento	AMG/III	Soft & Hard Wood	100 C.M.	
	Naples	M.R.S.	Wood Tel Poles. 8 to 12 M long.	2000 pcs.	
pi	Avellino	A.M.G./III	Chestnut Plank	280 C.M.	reported to DDW 1 Feb
a, 31	Naples	AMG/III	Chestnut boards Poplar " Nutwood " Fir " Walnut, etc	200 C.M. 35 C.M. 45 C.M. 100 C.M. 30 C.M.	Able to produce joinery, furniture etc.
.	Naples.	PBS.Engr.	Plywood, 1.5 x 2.0 m.	500 pcs.	
nn-	Matera	AMG/II	Asbestos Cement. Sheets, flat 1 mx1m " corrugated 1 x 2.5 Ridge tiles.	4000 pcs. 1000 pcs 1000 pcs.	
	Naples.	M.R.S.	Asbestos Cement Pipe. Diam. / Length. 25 mm / 2 m. 32 " / 2 " 45 " / 2 " 75 " / 3 " 100 " / 4 " 120 " / 4 " 130 " / 5 " 150 " / 4 " 200 " / 4 " 250 " / 4 "	1750 pcs. 3670 " 2400 " 120 " 150 " 50 " 86 " 590 " 236 " 182 "	

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material. PLUMBING SUPPLIES. Class III.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descript
AMG-15	26 Jan.	PBS. Engr. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Pipe fi Valves, Lavator
AMG-17		Italian State Rly. Yard Purgatorio.	Naples.	M.R.S.	Pipe fi Float v Faucets. Water m
AMG-28	8 Feb.	Banca d'Italia Bldg. Piazza Municipia.	Naples.	AMG/III.	Electri Air com Concrete Lime Mi Concrete Stone c Grindin
Material. MISCELLANEOUS. Class IV.					
LEATHER BELTING.	25 Jan.	Magaldi Salerno.	Salerno.	AMG/II.	Leather
INSULATING MATERIALS. AMG/III 1371	22 Jan.	F.I.C.E. Via Arenaccia, 236.	Naples.	AMG/III.	Materia Insulat Ingredi Paper c Rayon & Ingredi cables. Ditto f
ROOFING PAPER. AMC-15.	26 Jan.	PBS. Engrs. Depot 390 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Roofing
PIPE COVERING.	26 Jan.	" " "	"	"	Asbest

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ENGINEERING MATERIALS COMMITTEE.

Date 9 Feb. 44.

Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	PBS. Engrs.	Pipe fittings, $\frac{1}{4}$" to $1\frac{1}{2}$" Valves, $1\frac{1}{4}$" to $2\frac{1}{2}$" Lavatories & Sinks.	Small stock. " " 30 pcs.	
Naples.	M.R.S.	Pipe fittings, brass, small sizes. Float valves Faucets. Spigots. Water meters, small.	Large stock.	
Naples.	AMG/III.	Electric Motors, from $\frac{1}{4}$ to 9 h.p. Air compressor Concrete Mixers Lime Mixers Concrete barrows Stone crusher Grinding wheels.	58 motors. 1 pcs. 38 " 5 " 5 " 1 " 22 "	
Salerno.	AMG/II.	Leather belting.	Not given.	Reported to be manufacturing belting at present from leather stock on hand.
Naples.	AMG/III.	Materials for insulating Electric Cables. Insulating mixture Ingredients for Insulating mixt. Paper covering Rayon & Linen Ingredients for impregnating cables. Ditto for pipe	25 Tons. 80 " 50 " 50 " 10 " 20 "	
Naples.	PBS.Engrs.	Roofing paper.	84 rolls.	
"	"	Asbestos Pipe Covering.	75 boxes.	

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CENTRAL ECONOMIC COMMITTEE
ROUTING SLIP

_____ 1944

TO:	INITIALS
Lt.Col.Henderson	
Lt.Col. Merrell	
Lt.Col. Legg	
Lt.Col. Reiter	
Lt.Col. Herrmann	
Major Smallwood	
Major Todd	
Capt. Plummer	
Capt. Northland	
Capt. Curran	
Capt. Morse	
Capt. Austin	
Lt. Shanley	
Sgt. Collins	

FOR:

- --- Action ---
- Coordinate with _____
- & Take ACTION
- Info and return.
- Info and return.
- Read and see me.
- ✓ See me, with all info.
- File
- Circulate to All.
- Prepare reply, my signature.

REMARKS: Capt Austin already has a copy

34.31 Initials_____

MGS (Adv)

Copy No. 12

14.

AFHQ., ADV.ADM. ECHELON,
LOCAL RESOURCES SECTION,
C.M.F.

Reference :- 7/2/LR.

14 January 1944.

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

MINUTES OF ENGINEERING MATERIALS COMMITTEE MEETING.

1. The fourth meeting of the Engineering Materials Committee was held at 0930 hours 14 January 44 in the Conference Room, FLAMBO.

Present :-

Brigadier D.L. ANDERSON, D.D.W., FLAMBO (Chairman) and representatives of :-

R.N. (FOWIT)
D.D.W., FLAMBO
C.E., P.B.S.
C.E., No. 2 District
D.G.M.R. (Inc. Tn.) (Br)
OKD (Br)
M.G.S. (Adv)
A.M.G., HQ., C.M.F.

in attendance :-

Vice Chairman (Am) Allied Force Local Resources (Italian) Board
Vice Chairman (Br) Allied Force Local Resources (Italian) Board

and five others.

2. The Minutes of the last meeting of 20 Dec 43 were accepted.

3. The formation of a Miscellaneous Purposes Committee was noted. There were no other matters arising out of the meeting of the Board of 28 Dec 43.

4. Reports were received from AMG/ACC on

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R.N. (FOWIT)
D.D.W., FLAMBO
C.E., P.B.S.
C.E., No. 2 District
D.G.M.R. (Inc. Tn.) (Br)
OMD (Br)
M.G.S. (Adv)
A.M.G., HQ., C.M.F.

in attendance :-

Vice Chairman (Am) Allied Force Local Resources (Italian) Board
Vice Chairman (Br) Allied Force Local Resources (Italian) Board

and five others.

2. The Minutes of the last meeting of 20 Dec 43 were accepted.

3. The formation of a Miscellaneous Purposes Committee was noted. There were no other matters arising out of the meeting of the Board of 28 Dec 43.

4. Reports were received from AMG/ACC on

(a) Taking over cement works. AMG/ACC stated that they hoped to take over, commencing about Feb 15, on a plant by plant basis. Necessary details to be arranged by AMG/ACC with appropriate Military authority.

(b) Selling price of coal. It was stated that the price of coal had been fixed by C.E.C. and would be published in the course of the next few days.

(c) Increase of Oxygen production. The report was received.

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5. A report was received from the Sub-Committee established at the last meetir 20 Dec 43 on the possibilities of increasing the production of oxygen and acetylene.

(a) OXYGEN.
The present production is approximately 2,200,000 cu ft less than monthly requirements, but the report indicated that production can be increased to cover these requirements. The Sub-Committee was instructed to recommend a method of increasing the production taking into account the report of AMG/ACC (referred to in para 3 (c) above). The Electric Power Committee was to be requested to state whether adequate electric power could be made available to CROTONE from SILA.

34.31

(2)

17

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The Local Resources Section was instructed to write to M.A.A.F. requesting that skilled technical personnel of Military Gas Generating Units at present unemployed through mechanical breakdown of military plants, be spared to assist civilian manufacturers in increasing production.

(b) ACETYLENE.
The monthly requirements exceed the present production by approx - imately 400,000 cu ft. The Local Resources Section was asked to request the D.Q.M.G. to give the proposed extension of the Castellammare plant the highest priority. The Sub-Committee was instructed :-

(i) To recommend a method of increasing production taking into account the report submitted by AMG/ACC.
(ii) To investigate possibilities of substituting Hydrogen in place of Acetylene for appropriate military uses.
(iii) To study the possibilities of employing low pressure generators, plans of which have been received from Middle East.

6. Matters arising out of the allocation made at the previous meeting (20 Dec 43) were discussed

(a) TIMBER.
No change in existing arrangements.

(b) CEMENT.
Present allocation satisfactory but it was pointed out to AMG/ACC that in future individual requests would not be accepted. AMG/ACC undertook to instruct their representatives to group all civilian requirements so that they would be submitted in bulk to the Committee.

(c) GLASS.
AMG/ACC stated that they were taking steps to have the SALEMCO plant commence production in three months time, when ample supplies should be available.

(d) GASES.
No change in existing allocation arrangements.

7. Report of availability from AMG/ACC was received (Appendix A). The following allocations were made :-

STEEL BILLETS - D.B.W. and P.B.S. to share on basis of milling capacities.
LEAD SHEETS & BILLETS - No allocations necessary. AMG/ACC undertook to reserve for military requirements 1,200 tons.
TANKS - D.B.W. and P.B.S. to explore together the possibility of the use of

Declassified E.O. 12356 Section 3.3/NND No. 788016

(b) CELENT.
Present allocation satisfactory but it was pointed out to AMG/ACC that in future individual requests would not be accepted. AMG/ACC undertook to instruct their representatives to group all civilian requirements so that they would be submitted in bulk to the Committee.

(c) GLASS.
AMG/ACC stated that they were taking steps to have the SALERNO plant commence production in three months time, when ample supplies should be available.

(d) CASES.
No change in existing allocation arrangements.

7. Report of availability from AMG/ACC was received (Appendix A). The following allocations were made :-

STEEL BILLETS - D.D.W. and P.B.S. to share on basis of milling capacities.
LEAD SHEETS & BILLETS - No allocations necessary. AMG/ACC undertook to reserve for military requirements 1,200 tons.
TANKS - D.D.W. and P.B.S. to explore together the possibility of the use of CARMINO SALVATORE FU VINCENZO, Naples for the manufacture of tanks for military needs. A limited quantity of aeroplane fuel tanks are available at Salvage dumps.
STRUCTURAL STEEL.- As most of the structural steel notified as available is under the control of the R.N., users of this material were instructed to submit their requirements to R.N.
TUBULAR SCAFFOLDING - D.D.W. and other users to contact P.B.S. who will assist in meeting requirements.
WELDING ROD. - Availability notified in SICILY to be applied for through service channels.
ZINC - The 700 tons reported available at CROTONE was released to AMG/ACC at their request.
ANTIMONY - In view of small availability interested services were requested to declare their requirements at next meeting. The Local Resources Section to ascertain the requirements of R.E.M.E., and to direct the latter to freeze existing stocks pending allocation.
PLUMBING FEATURES - To P.B.S.
BELTING - Availability notified in SICILY to be applied for through service channels.

8. The requirements of services for :-

LEAD were 1,200 tons for 1944.
ZINC were negligible.

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9. The following list of priority articles was received :-

Pitch for caulking.
Tin.
Brass rods.
Monel metal.
Molybdenum.
Manufacturing facilities for matting for aerodrome runways.
Resin.
Horseshoes and horseshoe nails.
Chromium.
Nickel.
Sulphuric acid.
Pure mercury.
Raw materials for paint.

(AMG was instructed to notify P.B.S. and ORD (Br) direct, immediately any of these were located).

10. Royal Navy agreed to report on availability of steel air cylinders at ANSALDO WORKS POZZUOLI, for storage of gas.

11. It was decided that priority items notified in previous meetings were to be considered as controlled items, i.e., the allocation of these items must be recommended to the Board by the Committee.

12. The election of Tn(Br) as a member of the Committee was recommended to the Board.

13. The next meeting to be held at 0930 hours 11 Feb 44 in the Conference Room, FLAMBO.

Major J.C. RAMSDEN,
Joint Secretary (Am)

Capt. S.J.B. LOUDEN,
Joint Secretary (Br)

Allied Force Local Resources (Italian) Board.

DISTRIBUTION :-

Copy No.	1	Chairman L.R. Board.	Copy No.	29	AFLR(Sicilian)Board.
	2	Vice Chairman (Am)		30	AFLR(Sardinia)Board.
	3	Vice Chairman (Br)		31	C.G., P.B.S.
	4	D.D.W. (Br)		32	DD/C.O.
	5	C.E., No. 2 District.		33	Q.1.
	6	C.E., P.B.S.		34	Q.2.
	7/11	Flag Officer, Western Italy.		35	G.P.A., P.B.S.
	12/13	M.G.S. (Adv)		36	A.D.W. (Stores)

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ROOM, FERMO.

Major J.C. RAMSDEN,
Joint Secretary (Am)

Capt. S.J.B. LOUDEN,
Joint Secretary (Br)

Allied Force Local Resources (Italian) Board.

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	4	D.D.W. (Br)		32 DD/C.O.
	5	C.E., No. 2 District.		33 Q.1.
	6	C.E., P.B.S.		34 Q.2.
	7/11	Flag Officer, Western Italy.		35 G.P.A., P.B.S.
	12/13	M.G.S. (Adv)		36 A.D.W.(Stores)
	14/19	L.O. XII A.F.S.C.		37 D.Q.M.G.
	20/21	D.G.M.R.		38/47 Local Resources Sec.
	22	ORD (Br)		48/50 HQ., AMG.,C.M.F.
	23/24	AMG. 15 Army Group.		51 File.
	25/26	HQ., A.C.C. BRINDISI.		52/57 Spares.
	27/28	HQ., AFLRS., AFHQ.		

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Declassified E.O. 12356 Section 3.3/NND No. 785016

Appendix A

ENGINEERING MATERIALS COMMITTEE

Material STEEL BILLETS Class Priority Item

AMG/ACC File	Date of Survey.	Name and address.	Location.	Controlled by	Descriptio
	15 Dec	I.L.U.A. Works Bagnoli & Torre Annunziata	Naples	PES Engrs	Steel Bill 130 x 130 130 x 130 150 x 150 150 x 150 Larger Siz Larger Siz
AMG - 21	9 Jan	Ansaldo Works Pozzuoli	Naples	R.N.	Carbon Ste Chrome Man Chrome Nic Manganese Carbon St Carbon St
	8 Jan	Navalmeccanica	Naples	R.N.	Billets - not specif
AMG/I	8 Jan	S.A. Ferro Metalli via Grande Teatro Palermo	Sicily	AMG/I	Steel Ingo Billets, s specified

Material LEAD Class Priority Item

AMG - 20	10 Jan	Navalmeccanica Cantiere Vigliena Works	Naples	R.N.	Lead Sheet Lead Ingot Lead & Tin Lead Pipe Lead "fuse

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SECRET

ENGINEERING MATERIALS COMMITTEE

y Item

Date 10 Jan 44

ss.	Location.	Controlled by	Description of Material	Quantity on hand	Monthly Production
ta	Naples	FAS Engrs	Steel Billets 130 x 130 - Bag 130 x 130 - T.A. 150 x 150 - Bag 150 x 150 - T.A. Larger Sizes - Bag Larger Sizes - T.A. Total Tonnage	1127 T 1254 T 693 476 1663 313	2381 1169 1976 5526 Tons
	Naples	R.N.	Carbon Steel 60/70 Chrome Manganese St Chrome Nickel St Manganese Steel Carbon St 50/60 Carbon St 70/90	149 T 38 T 4 T 4 T 18 T 15 T	
a	Naples	R.N.	Billets - Size not specified	5.0 Tons	
alli tro	Sicily	AMG/I	Steel Ingots & Billets, size not specified	4000 Tons	Rpt. for information

ty Item

ena	Naples	R.N.	Lead Sheet Lead Ingot Lead & Tin Alloy Lead Pipe Lead "fuse"	400 kg 800 kg 200 kg 600 kg 1200 kg.

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Appendix A.

ENGINEERING MATERIALS COMMITTEE

Material LEAD Class Priority Item

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Description
	10 Jan	Standardo, Salvatore Via Catalana, 101	Napoli	AMG/III	Lead sheet, Lead pipe
	7 Jan	Perrotti, Ignatio Rivera di Chiaia, 217	Napoli	D.D.T.	Lead Pipes Lead Sheet Pipe fitting
	10 Jan	Fonderia, Affinazione Chaminazione Mettali non Ferrosi Strada Cannola al Trivio, 20	Napoli	AMG/III	Rolling mill Lead, Aluminum Tin, etc. stocks inclu Lead
ACC/VI.	18 Dec.	Societa Montiponi	Sardinia	ACC/VI	Lead piping (Reported fr
AMG.	8 Jan.	Naval meccanica V. Benedetto Brin.	Napoli.	R.N.	Lead pipes " sheet " ingot " " (r " e Scali
AMG - 21	31 Dec.	Soc. Transformazione del Piombo V. Otranto al Vesto, 15	Naples.	AMG. III and PBS. Engrs.	Rolling lead (Materials e from damage
AMG.	8 Jan.	Silurificio Baia	Baia.	R.N.	

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	Location	Controlled by	Description of Material	Quantity on hand	Monthly Production
e	Napoli	AMG/III	Lead sheet, in rolls Lead pipe	5 T 5 T	
17	Napoli	D.D.M.	Lead Pipes Lead Sheet Pipe fittings	"Small quantity"	Stock requisitioned by D.D.M.
he	Napoli	AMG/III	Rolling mills for Lead, Aluminum, Brass Tin, etc. Present stocks include : Lead	10 T	
	Sardinia	ACC/VI	Lead piping works -- (Reported for information.)	--	25 T /mo.
	Napoli.	R.N.	Lead pipes " sheet " ingot " " (at Bacini " e Scali works)	80 kg 6.o Ton 24.o Ton 13.o Ton	
15	Naples.	AMG.III and FNS. Engrs.	Rolling lead sheet (Materials salvaged from damaged buildings)	2 Ton.	125 tons if ingot is supplied
	Bain.	R.N.			

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Appendix A. ENGINEERING MATERIALS COMMITTEE.

Material LEAD Class Priority item.

AG/AGO File.	Date of Survey.	Name and Address.	Location.	Controlled by.	Descri
N.A.-P.6	15 Nov.	E. Iasputini V. Monte di Dio,82	Naples.	N.A.	Lead pi
	7 Jan.	Stab. Lavorazione Cattile V. Cannela all' Arenaccia.	Naples.		Lead.
A.G - 8499	29 Dec.	Fabbrica accumulatori Varentape V. Benvenuto, Castel-nuovo.	Naples.	N.A.M.P.	Lead Lead al Antimon
PBS.-E-3.	9 Jan.	8390 Warehouse 390 Corso Garibaldi.	Naples.	PBS. Engrs.	Lead sh

(For Lead ingot, see Apndx. C - Sardin

Material INDG. GASES. Class Priority item.

CARBON DIOXIDE.	1 Jan 44.	Pompeiana S.A.I. Piazza Municipio,9 Pompei.	Pompei.	ORD (Br)	Carbon Cylinde "Dry ic Amer.
SULPHUR DIOXIDE.		Toffoli.	Naples.	ORD (Br)	Sulphur

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10 January 1944.

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BUILDING MATERIALS OBTAINED.

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly Production.
	Naples.	R.E.	Lead pipe.	2 T.	
	Naples.		Lead.	7 T.	
i -	Naples.	R.E.H.E.	Lead Lead alloyed with Antimony.	245.5 T. 21.5 T.	
d.	Naples.	PBS. Engrs.	Lead sheet, in rolls.	40 rolls.	
	(For Lead ingot, See Appdx. C - Sardinia, 22 Dec 1943.				
	Pompei.	ORD (BR)	Carbon Dioxide in Cylinders "Dry ice" for Amer. Red Cross.	-	Not given. 4000 kg./mo.
	Naples.	ORD (BR)	Sulphur Dioxide.	-	Not given.

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material IND. GASES. Class Priority item.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Desc
Report of [illegible] rep. 10 Jan 44.		Soc.Ossigeno Napoli.	Naples.	PBS. Engrs.	Oxyg
"		Apice.	Naples.	PBS. Engrs.	Produ Jan per
"		I.L.V.A. Works, Bagnoli.	Naples.	A.C.	Oxyg
"		P.B.S. Engrs.Plant.	Naples.	PBS. Engrs.	Oxyg
"		Applicazione Saldatura Autogena.	Castellamare.	R.E.	Oxyg
"	10 Jan.	Auis Caproni Works.	Castellamare.	R.E.	
"	"	Railway Works.	Castellamare.	R.E.	No p Max. 15-1

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GINEERING MATERIALS COMMITTEE.

10 January 1944.

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
				Oxygen,cu ft.	Acetylene cuft.
ili.	Naples.	PBS. Engrs.	Oxygen is 95-98% purity.	1,200,000 cu.ft.	320,000 cu ft.
	Naples.	PBS. Engrs.	Production to start Jun 15 @ 6-8,000 bott. per month.	-	-
	Naples.	A.C.	Oxygen 98.5% purity.	900,000	-
nt.	Naples.	PBS. Engrs.	Oxygen 99% purity.	210,000	300,000
datura	Castellamare.	R.E.	Oxygen 97% purity.	600,000	-
cs.	Castellamare.	R.E.		-	200,000
	Castellamare.	R.E.	No present production Max.Acetylene prod. 15-1800 bottles /mo.	-	-
			TOTALS	2,910,000 cu ft./mo.	820,000 cu ft./mo.

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Appendix A

ENGINEERING MATERIALS COMMITTEE

Material TANKS Class Priority Item

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Description
	2 Jan	Carrino Salvatore fu Vincenzo V. Michele Morelli, 24	Naples	AMG/III	Tank Manu equipment working o
AC - P33	9 Dec	Metalgraph Meridionale Via Ottaviano, 85	S. Giovanni a Teduccio	R.N.	Block Iron Kit of sm barrels, Can operat is availa
AMG/I	10 Jan	C.E.M.E.C. Palermo	Sicily	CEMEC	Tank, 375
	10 Jan	Aircraft Works Madonna del Arco Anastasia		Reported by R.N.	Tanks, ri aluminum Some requ

Material BITUMEN Class Priority Item

	9 Jan	I.L.V.A. Wks, Bagnoli	Naples	PES Engrs	Bitumen
		Ragusa Plant	Sicily	(See Appendix "B", Sicily (on Bitumen Production i
	9 Jan	15 Army Gp., HQ	Pescara	For report on Bitumen pot areas, see ISTD/K278 - "Re Resources (Supplement on

Declassified E.O. 12356 Section 3.3/NND No. 785016

8142

Date 16 Jan 44

Location	Controlled by	Description of Material	Quantity on hand	Monthly Production
Naples	AMG/III	Tank Manufacturer with equipment now in working order	-----	120 Tons/mo.
S. Giovanni a Teduccio	R.N.	Black Iron Sheets. Mfr of small tanks, barrels, boxes, etc. Can operate when gas is available	7 T	
Sicily	CCTEC	Tank, 375 gal	1 pc	kept for information.
	Reported by R.N.	Tanks, rivetted, aluminum airplane tanks. Some require repairing	25 to 50	
Naples	PBS Engrs	Bitumen	(not given)	
Sicily	(See Appendix "B", Sicily for information on Bitumen Production in Sicily)			
Pescara	For report on Bitumen potentialities in Pescara area, see ISTD/K278 - "Report on East Central Italy - Resources (Supplement on Bitumen)".			

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material STEEL. Class I-A.

AMG/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by.	Desc
AMG -20	8 Jan.	Naval meccanica	Naples.	R.N.	Bac Ste Str Ste Ste O H Ste Str Rai Rai Ste Ste Can Str Ste Ste Ste Scr
AMG -21	9 Jan.	Ansaldo Works Pozzuoli	Naples.	R.N.	Ste 12 14 20 30 35 40 40 45
Material STEEL PROD. Class I A.					
WIRE ROPE.	16 Dec.	S.F.S.M. Via Traccia Circum Vesuvinna.	San Giovanni	PBS Engrs.	Wi
SCAFFOLDING TUBULAR.	16 Dec.	Giovanni Simeone Riviere di Chiaia,66.	Naples.	PBS. Engrs.	Sc

Declassified E.O. 12356 Section 3.3/NND No. 785016

ENGINEERING MATERIALS COMMITTEE.

10 January 1944.

ddress.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
nica	Naples.	R.N.	Ducini & Scali works.		
			Steel plate	350 Tons.	
			Structural shapes	160 "	
			Steel pipe	30 "	
			Steel bars & Rods	10 "	
			O M F Works.		
			Steel plate	446 "	
			Structural shapes	1123 "	
			Rail - 33 kg/M	180 "	for
			Rail, light gauge	2 "	MRS
			Steel bars	740 "	
			Steel pipe	22 "	
			Cantieri Vigliena Works.		
			Structural shapes	12 "	
			Steel plate	20 "	
			Steel bars & Rods	29 "	
			Steel pipe	10 "	
			Scrap	50 "	
ks	Naples.	R.N.	Steel pipes.		
			12 x 10 mm	47 pcs.	
			14 x 12	250 "	
			20 x 15	143 "	
			30 x 25	72 "	
			35 x 25	380 "	
			40 x 30	140 "	
			40 x 35	47 "	
			45 x 40	85 "	
a Treccia vinna.	San Giovanni	PBS Engrs.	Wire rope.	Not given.	
meone Chiaia,66.	Naples.	PBS. Engrs.	Scaffolding tubular.	Not given.	

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Appendix A. ENGINEERING MATERIALS COMMITTEE.

Material STEEL PROD. Class I A.

AMG/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by.	De
FOUNDRY PRODUCTS	2 Jan.	Carrino Sal. fu Vincenzo V.Michele Morelli, 24.	Napoli.	AMG/III.	Fo pr pl cu et
WELDING ROD. AMG /I.	8 Jan.	C E M E C Palermo.	Sicily.	CEMEC.	We bu
Material IRONMONGERY		Class I A.			
ACC. HQ.	15 Dec.	Magazzino Genio Militare VII Armata (Italian) Settore di Taglie.	Lecce	ACC. BRINDISI.	Ir To Ax Wh va Cr Wi Po
AMG-1316	7 Dec.	S.A. Napoletana T & P. Via Calata Capodichino, 168.	Napoli.	AMG/III	Wi Wi
AMG/I.	8 Jan.	C.E.M.E.C. Palermo.	Sicily.	C.E.M.E.C.	Sc Bo Na
Materiad BRASS.		Class I E.			C
AMG-20.	8 Jan.	Naval meccanica	Napoli.	R.N.	Br Br Ba B Br Co Ba Ba Ba

Declassified E.O. 12356 Section 3.3/NND No. 785016

ENGINEERING MATERIALS COMMITTEE.

8132

ss.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
u chole	Napoli.	AMG/III.	Foundry & forge shop for production of cast iron plumbing products, agriculture implements, tanks, etc.	70 ton.	600 T /month.
lermo.	Sicily.	CEMEC.	Welding rod, in bundles of 100.	2000 bundles.	Rept. for infor.
lo rmnta ore di	Lecce	ACC. BRINDISI.	Ironmongery, Builders Tools & Equip, including Axes, hand. Pick axes. Wheel barrows. Hammers- various types. Trowels. Crow bars. Bolts. Nails. Wire. Rope. Wire Cutters. Points, steel. Files. Saws, etc.	Quantities not given.	
na T & P. podichino,	Napoli.	AMG/III	Wire and nails. Wire for nails.	20 Tons. 100 "	
alermo.	Sicily.	C.E.M.E.C.	Screws-assorted. Bolts -assorted. Nails -assorted.	891 gross. 600 pcs. 29,000 lbs.	
ca	Napoli.	R.N.	O M F Works. Brass bars Brass pipes Brass plate B & S Works. Brass pipe, plate, etc. Cantiere Vigliena Works. Brass bars Brass plates Brass pipe	 3,200 kg. 250 " 300 " 16,000 15,900 kg. 700 " 1,200 "	

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Appendix A. ENGINEERING MATERIALS COMMITTEE.

Material TIN. Class I B.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descri
AMG -20	8 Jan.	Naval meccanica	Napoli.	R.N.	Tin, I Tin i
Material ALUMINIUM.		Class I B.			
AMG -20	8 Jan.	Naval meccanica	Naples.	R.N.	O.M.F. Alumi
AMG-	10 Jan.	Fonderia, A.L.M.N.F. Strada Cannola al Trivio, 20.	Naples.	AMG/III.	Alumi
NON-FERROUS METALS, Misc.	7 Jan.	Stab. Laminazione Sottile.	Naples.	AMG/III.	Alumi
R.N. P 31	9 Dec.	S.A. La Precisa.	Naples.	AMG/III.	Alumi
Material BRONZE.		Class I B.			
AMG -20	8 Jan.	Naval meccanica.	Naples.	R.N.	O.M.F. Bronz Canti Bronz Bronz
AMG -	10 Jan.	Fonderia, ALMNF Strada Cannola al Trivio, 20.	Naples.	AMG/III.	Bronz
Material COPPER.		Class I B.			
AMG -20	8 Jan.	Naval meccanica	Naples.	R.N.	O.M.F. Coppe "Cato Coppe Coppe B & S
	10 Jan.				Coppe Canti Coppe " " " "

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ENGINEERING MATERIALS COMMITTEE. 10 January 1944.

s.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Napoli.	R.N.	Tin, B & S Works. Tin ingots, O M F works.	800 kg. 50 "	
	Naples.	R.N.	O.M.F. Plant. Aluminium ingot & Scrap.	4.0 tons.	
.N.F. al	Naples.	AMG/III.	Aluminium.	2.0 tons.	
ne	Naples.	AMG/III.	Aluminium.	6.0 tons.	
.	Naples.	AMG/III.	Aluminium.	Not given.	
.	Naples.	R.N.	O.M.F. Plant. Bronze-various forms. Cantiere Plant. Bronze bars Bronze "fusions"	5.0 tons. 200 kgs. 8.0 tons.	
p al	Naples.	AMG/III.	Bronze.	1.0 ton.	
n	Naples.	R.N.	O.M.F. Plant. Copper plates "Catodi" Copper pipes Copper scrap B & S Plant. Copper ingot. Cantieri Vigliena Works. Copper plate " wire " bars " "catodi" " pipe.	300 kg. 8,000 1,750 3,000 18,200 kg. 1,200 " 1,300 " 2,000 " 1,500 " 4,800 "	

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Appendix A.

ENGINEERING MATERIALS COMMITTEE.

Material COPPER. Class I B.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	De
AMG 8499	29 Dec.	Fabbrica Accumulatori Parentope. V. Fenovenuto Castelnuovo.	Naples.	R.E.M.E.	Co
Material ZINC. Class I B.					O. Zi
AMG -20	8 Jan.	Naval meccanica	Naples.	R.N.	D Zi Oa Zi
	10 Jan.				
	7 Jan.	Stab. Laminaaione Sottile.	Naples.	AMG/III	Zi
	29 Dec	Fabbrica Accumulatori Parlenope	Naples	REME	Zi
	8 Jan	Crotone Pertusola	Crotone	AMG/II	Zi
Material NON FERR. MET		Class IB			
Solder	7 Jan	Stab. Laminazione Sottile	Naples	AMG/III	So
Antimony	29 Dec	Fabbrica Accumulatori Partenope	Naples	REME	An
Antimony	10 Jan	Navalmeccanica	Naples	R.N.	An

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10 January 1944.

ENGINEERING MATERIALS COMMITTEE.

0136

Address.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
Accumulatori . V. Benevenuto vo.	Naples.	R.E.M.E.	Copper.	550 kg.	
conica	Naples.	R.N.	O.M.F. Plant. Zinc plates " wire. " ingot " scrap B & S Plant. Zinc ingot Cantieri Vigliena Works. Zinc plate " bars " ingot ",remelted	100 kg. 160 " 3 tons. 1 " 1.2 " 300 kg. 100 " 0,000 " 2,400 "	
minazione Sottile.	Naples.	AMG/III	Zinc	0.5 ton	
Accumulatori e	Naples	REME	Zinc	670 kg	
Pertusola	Crotone	AMG/II	Zinc	700 tons	
B minazione	Naples	AMG/III	Solder	150 kgs	
Accumulatori e	Naples	REME	Antimony	15.9 Tons	
canica	Naples	R.N.	Antimony	100 Kgs	



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Appendix A

ENGINEERING MATERIALS COMMITTEE

Material NON FERR. MET. Class IB

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by
White Metal AMG - 20	8 Jan	Navalmeccanica Bacini & Scali	Naples	R.N.

Material TIMBER Class II

AMG III 1583	6 Dec	Ing. Marino Cantieri Navali, S.A. via Depretis, 62	Naples	AMG/III
	3 Jan	Nastrucci Co Valle di Pompei	Naples	AMG/III
MI-P-41	20 Dec	C. Peltrinelli, S.A. Piazza Garibaldi, 40	Naples	
AMG -1629	4 Dec	Iovene Pietro V. Joachin Murat, 52 Torre Annunziata	Naples	AMG/III
AMG-	8 Jan	Navalmeccanica Via Bendetto Brin	Naples	R.N.

Material PLUMBING FIXT. Class III

30 Dec	Napolitano Raffaele v. Morgantini, 5	Naples	AMG. HQ
18 Dec	Exported by ACC, Advance Post. Brindisi (I.C. Sub Commission)	Lecce Prov.	ACC
18 Dec	" " "	Barri Prov	ACC

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ENGINEERING MATERIALS COMMITTEE

3809

Date 10 Jan 44

Location	Controlled by	Description of Material	Quantity on hand	Monthly Production
Naples	R.N.	White Metal	1.0 Ton	
Naples	AMG/III	Oak Timber	70 C.M.	
Naples	AMG/III	Material for Lemon Crates, cut	40,000 crates	
Naples		Poplar (at Frataminore) Chestnut (at Montella)	200 C.M. 300 C.M.	
Naples	AMG/III	Materials for Fruit and Vegetable Crates	200 C.M.	
Naples	R.N.	Construction Timbers Chestnut Planks Elm Pine Oak-Slovania Oak-Italian Apple Total	 750 C.M. 1200 " 1100 " 620 " 200 " 520 " 4,390 "	
Naples	AMG. HQ	Small supply of Baths, Lavatories, W.C. valves and fittings	Approx 3 T	
Lecce Prov.	ACC	Water pipe, valves, and fittings.	"Limited Stocks"	
Barri Prov	ACC	Water Pipe and Fittings	"Limited Stocks"	

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Appendix A

ENGINEERING MATERIALS COMMITTEE

Material PLUMBING FIXT. Class III

AMG/ACC File	Date of Survey	Name and Address	Location	Controlled by	Descri
HH - P - 6	15 Nov	E. Rasputini V. Monte di Dio, 82	Naples	R.N.	Wash B

Material PAINT Class III

Paint	21 Dec	De Caro, Piazza Dante, 91	Naples	R.N.	Paint Enamel
	21 Dec	Ferraro, R. V. Carrita, 10	Naples	AMG/III	Will u Contro lira u materi
	16 Dec	L. Ceriani, Resina V. Achille Consiglio	Naples	R.N.	Paints (unuse stand by PI Raw Ma
	16 Dec	Bozzelli Guido V. Ferdinando Palasgiano, 11	Naples		
AMG/I	8 Jan	AMG Warehouse Vittoria	Sicily	CEMEC Palermo	Paint Varnis

Material MISC. Class III

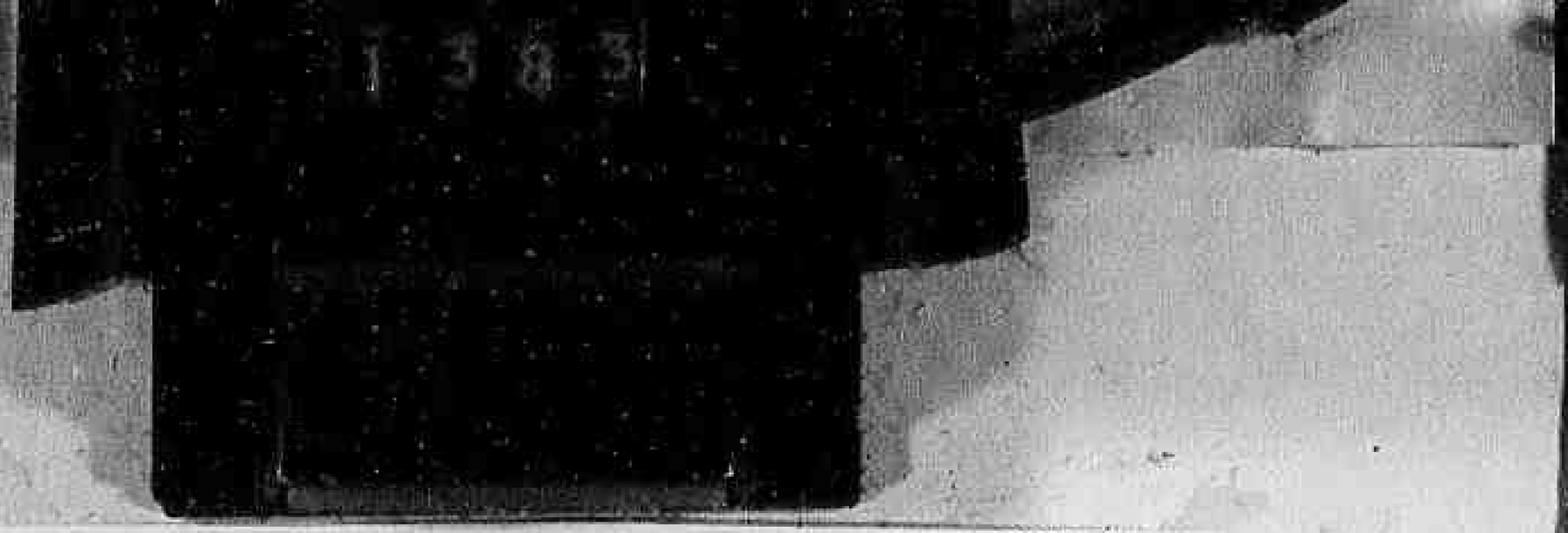
Raw Asbestos	16 Dec	Capamianto V. de Protis Ambrosi San Fernando Sq.	Naples		Raw A
Hemp AMG 947	2 Dec	S.A. Linificio & Canapificio Nazionale Corso Vitt. Em., 2 Fratta maggiore	Naples	AMG/III	Hemp, thread Hemp,

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ENGINEERING MATERIALS COMMITTEE

10 Jan 44

	Location	Controlled by	Description of Material	Quantity on hand	Monthly Production
82	Naples	R.N.	Wash Basins, Lavatory Pans	Not given	
	Naples	R.N.	Paint - cont. by R.N. Enamel Colors on hand	2,500,000 lira 50 Kg	
	Naples	AMG/III	Will undertake painting Contracts up to 2 million lira using his own materials.	Not definitely known	
on glio	Naples	R.N.	Paints and Varnish (unusual colors and types standard colors taken by PBS & R.N) Raw Materials	2.5 Tons 30 Tons	
	Naples				
	Sicily	CEMEC Palermo	Paint Varnish	442 gals) 200 gals)	Rept. for information
osi	Naples		Raw Asbestos	Not given	
onnle 2	Naples	AMG/III	Hemp, hard combed threads ..... Hemp, threads Total	494 T. 6 T. 500 T.	Operations can start following only minor repairs.



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Appendix A

ENGINEERING MATERIALS COMMITTEE

Materials MISC Class III

AMG/ACC File	Date of Survey	Name and address	Location	Controlled by	Descr
Belting	29 Nov	C.E.M.E.C. Palermo	Sicily	CEMEC	Belt, Belt, Belt, sizes
Material ACCUMULATORS		Class V			
AMG 8499	29 Dec	Fabbrica Accumulator Parentopo	Naples	REME	Accu Batte a) b) c)
AMG/E	8 Jan	C.E.M.E.C. Palmermo	Sicily	CEMEC	Batt Type

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ENGINEERING MATERIALS COMMITTEE

Date 10 Jan 44

ess	Location	Controlled by	Description of Material	Quantity on hand	Monthly Production
	Sicily	CEMEC	Belt, leather belting, 18" Belt, rubber, 40" Belt, rubber, assorted sizes	1100 pcs 40 pcs 1700 pcs	Reported for information
mulator	Naples	REME	Accumulators (Storage Batteries) for a) Traction b) Submarines c) Automobiles	2061 units 398 " 147 " 2606 "	Note: Parts and most materials are on hand for manufacture of additional batteries of each type.
	Sicily	CEMEC	Batteries, assorted Types	844 pcs	Rept. for information.

Copy No. 11

AFHQ., ADV.ADM. ECHELON,
LOCAL RESOURCES SECTION,
C.M.F.

Reference :- 7/2/Lk.

3rd January 1944.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD

ENGINEERING MATERIALS COMMITTEE.

The fourth meeting of the Engineering Materials Committee will be held in the Conference Room, this HQ., on Friday 14 January 1944 at 0930 hours to consider the following
AGENDA :-

1. Minutes of previous meeting of 20 Dec 43.

2. To consider any matter arising from meeting of Board held 28 Dec 43.

3. To receive reports from ANG/ACC on

   (a) How soon they could take over the control of the cement works maintaining the present production schedules.
   (b) The selling price of coal.
   (c) The possibility of increasing oxygen production.

4. To receive a report from the Sub-Committee established at the last meeting (20 Dec 43) on the possibilities of increasing production of acetylene.

5. To discuss matters arising out of the allocations made at the previous meeting held on 20 Dec 43 of
   (a) Timber
   (b) Cement
   (c) Glass
   (d) Industrial gases.

6. To receive a report from ANG/ACC regarding availabilities of the materials itemised in para 6 of the Minutes of meeting 20 Dec 43.

7. To receive the requirements of interested services of lead and zinc.

8. To submit a further list of priority articles.

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(a) How soon they could take over the control of the cement works maintaining the present production schedules.
(b) The selling price of coal.
(c) The possibility of increasing oxygen production.

4. To receive a report from the Sub-Committee established at the last meeting (20 Dec 43) on the possibilities of increasing production of acetylene.

5. To discuss matters arising out of the allocations made at the previous meeting held on 20 Dec 43 of
(a) Timber
(b) Cement
(c) Glass
(d) Industrial gases.

6. To receive a report from AMG/AOC regarding availabilities of the materials itemised in para 6 of the Minutes of meeting 20 Dec 43.

7. To receive the requirements of interested services of lead and zinc.

8. To submit a further list of priority articles.

9. Any other business.

1. Pitch
2.

Thomas R. GIBSON,
Lt.Col., U.S.,
Vice Chairman (Am)

J.L. PRESCOTT,
Lt.Col., A.Q.M.G.
Vice Chairman (Br).

C.C.F.

Allied Force Local Resources (Italian) Board.

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Copy No. 7

AFHQ., ADV. AB.4. ECHELON.
LOCAL RESOURCES SECTION
CMF.

Reference : 7/2/LR.

20 December 1943.

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

MINUTES OF ENGINEERING MATERIALS COMMITTEE MEETING

1. The third meeting of the Engineering Materials Committee was held at 1415 hours, 20 Dec 43 in the Conference Room, FLAMCO.

Present : - Brigadier D.L. ANDERSON, D.D.W., FLAMCO (Chairman) and representatives of :-

R.N. (F.C.W.I.T.)
C.E., P.B.S.
C.E., No.2 District.
D.G.M.R. (Inc.Tn(Br)
Ord. (Br)
M.A.A.F.
M.G.S. (Adv)
AMG/ACC.

in attendance :-

Vice Chairman (Am) Allied Force Local Resources (Italian) Board
Vice Chairman (Br) " " " " " "

and two others.

2. The Minutes of the last meeting of 6 Dec 43 were accepted by the Committee.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board dated 11 Dec 43.

4. A discussion was held on allocations of the following items made at the 6 Dec,43 meeting of this Committee. Decisions made were as follows :-

(a) TIMBER.

At a meeting held between representatives of DDW FLAMCO, PBS and AMG/ACC it was suggested that one zone each be allocated to the British, and American Armies for operational needs, and that an intermediate zone be reserved for the purpos

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C.E., No.2 District.
D.G.M.R. (Inc.Tn(Br)
Ord. (Br)
M.....E.
M.G.S. (Adv)
A.G/A.C.C.

in attendance :-

Vice Chairman (Am) Allied Force Local Resources (Italian) Board
Vice Chairman (Br) " " " " " "

and two others.

2. The Minutes of the last meeting of 6 Dec 43 were accepted by the Committee.

3. There was no discussion arising out of the Minutes of the Local Resources (Italian) Board dated 11 Dec 43.

4. A discussion was held on allocations of the following items made at the 6 Dec,43 meeting of this Committee. Decisions made were as follows :-

(a) TIMBER.

At a meeting held between representatives of EDW FLAMCO, PBS and AMG/A.C.C it was suggested that one zone each be allocated to the British, and American Armies for operational needs, and that an intermediate zone be reserved for the purpose of meeting those requirements not obtainable in the allocated zones. This suggestion was accepted by the Committee and is submitted to the Board for approval. Prices for timber from the above zones were agreed and AMG/A.C.C undertook to publish. It was decided to add another category to the list given in para 5 (a) 2 of the meeting of 2 Dec 43 namely :-

(V) SLEEPERS (i.e. TIES)

D.G.M.R. being the only Service demanding sleepers was instructed to obtain requirements from any source available. If available sources were insufficient to meet these requirements then demands were to be made on EDW or PBS who would cut from the allocated zones.

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(b) CEMENT.

Present production of cement is in excess of military requirements and the Committee decided that it would be preferable if AMG/A.C.C took over the control of the cement works as soon as they could undertake to maintain the present production schedules. AMG/A.C.C to report on this at the next meeting. In order to determine cement prices AMG/A.C.C have undertaken to report at the next meeting the selling price of coal.

(c) GLASS.

No information was available from AMG/A.C.C regarding re-commencing glass production.

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4. (Cont:) (2)

(d) INDUSTRIAL GASES.

(i) OXYGEN (Revised estimates for December)

	Production.		Requirements.	
Br.	700,000	R.A.F.	1,204,000	
SON (Am)	1,100,000	Ord.	822,000	
Gas Gen	396,000	Navy.	716,000	
Bagnoli	2,000,000	M...a.F.	2,235,000	++
Taranto (Br)	1,000,000			
	5,196,000 cu ft.		4,777,000 cu ft.	

++ M.A.F requirements will increase to 7,235,000 cu ft. in January. Immediate requirements can be met but will be inadequate after the end of the year due to an increase in monthly consumption to 10,000,000 cu ft starting January. .MG/..CC undertook to make a special report on the possibility of increasing production to meet this demand.

M.A.F proposed that the Taranto plant be placed under their control. They will install compressors to increase Oxygen to maximum production. The Committee accepted this proposal subject to M.A.F supplying Ord (Br) with 500,000 cu ft monthly (of which 300,000 was for RN) from this factory, and subject to that part of the factory occupied in acetylene production remaining under present control. Both these conditions are subject to acceptance by M.A.F who will notify the Vice Chairmen of the A.F.L.R.(I) B.

(ii) ACETYLENE.

	Production.		Requirements.	
Ord (Br)	178,000	Ord (Br)	320,000	
FES	308,000	FES	607,000	
US Portable Plant	330,000	M.A.F	210,000	
		RN	470,000	
	816,000 cu ft.		1,607,000 cu ft.	

As the present production was approximately 50% of the requirements a Sub-Committee consisting of representatives of :-

Ord (Br) (Chairman)
FES

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A.M.F proposed that the Taranto plant be placed under their control. They will install compressors to increase Oxygen to maximum production. The Committee accepted this proposal subject to A.M.F supplying Ord (Br) with 500,000 cu ft monthly (of which 300,000 was for RN) from this factory, and subject to that part of the factory occupied in acetylene production remaining under present control. Both these conditions are subject to acceptance by A.M.F who will notify the Vice Chairmen of the A.F.L.R.(I) B.

(ii) ACETYLENE.

	Production.		Requirements.
Ord (Br)	178,000	Ord (Br)	320,000
PBS	308,000	PBS	607,000
US Portable Plant	330,000	A.M.F	210,000
		RN	470,000
	816,000 cu ft.		1,607,000 cu ft.

As the present production was approximately 50% of the requirements a Sub-Committee consisting of representatives of :-

Ord (Br) (Chairman)
PBS
A.M.F
AMG/ACC

was appointed to investigate and report on the possibilities of increasing the production to meet the requirement. The only immediate shortage was reported by A.M.F, and PBS agreed to turn over their own surplus stocks to endeavour to meet A.M.F requirements.

5. A Report was received from AMG/ACC (Appendices A, B, & C) regarding availabilities of the materials itemised in para 6 of the Minutes of the Meeting of 6 Dec 43 and the following allocations were made :-

Steel Cable & Wire Rope — Allocated to DDW.
Pipes 2" & 3" — Allocated to DDW.

The RN requested that they be permitted to control the entire production of Hemp but AMG/ACC could not agree pending the results of investigations at present being made by them on behalf of A.F.L.R.

Blocks and Tackle. — Allocated to DDW and PBS
Insulated Copper Wire. — Allocated to DDW and PBS
Electric Bulbs. — Allocated as follows :-

A.M.F 20% of availability
PBS 30% of availability
DDW 50% of availability

/Cont:overleaf.....

(5 Cont:)

Plumbing Fixtures, Fittings and Pipes. Allocated to PBS, any surplus balance of 2" piping to be available to DDW. Any boiler tubing to be divided between MN and DGM.

Plywood. None available at present.

Roofing Paper. None available at present.

Cement Containers. None available at present AMG/ACC undertook to investigate again the possibilities of locally manufacturing these containers.

Asbestos Fibre. None available.

Welding Rod. Representatives of PBS and DDW to visit stocks at present controlled by RAAF and any suitable supplies will be released to them.

White Metal. 1,000 lbs allocated to PBS, balance to Ord (Ex) and MN.

Paint. None available. AMG/ACC undertook to investigate production possibilities.

Chemical for the emulsification of Bitumen. None available.

Concrete Mixers. Allocated to DDW

Stone Crushers. None available.

Mobile Cranes. None available.

Air Compressors. None available.

6. The following list of next priority articles was decided. AMG/ACC undertook to submit availability figures at the next meeting :-

Steel Ingots
Tanks (500 - 1000 gallons capacity)
Sheet Lead
Facilities for rolling lead ingots
Bitumen
Carbon Dioxide
Freon
Methyl Chloride
Sulphur Dioxide
Nitrous Oxide

7. It was agreed that Consolidated Civilian Demands of any items controlled by the Committee were to be submitted in bulk by AMG/ACC at future meetings for allocation. The eventual distribution to be effected by AMG/ACC.

8. Interested Services are to submit their requirements of lead and zinc at the next meeting.

9. No interest was displayed in an offer of aluminium rods by DAD Sydney.

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Steel Ingots
Tanks (500 - 1000 gallons capacity)
Sheet Lead
Facilities for rolling lead ingots
Bitumen
Carbon Dioxide
Freon
Methyl Chloride
Sulphur Dioxide
Nitrous Oxide

7. It was agreed that Consolidated Civilian Demands of any items controlled by the Committee were to be submitted in bulk by AMG/ACC at future meetings for allocation. The eventual distribution to be effected by AMG/ACC.

8. Interested Services are to submit their requirements of lead and zinc at the next meeting.

9. No interest was displayed in an offer of aluminium scrap by DAD Salvage.

10. The next meeting to be held at 0930 hrs, 14 Jan 44 in the Conference Room, FLAMEO.

Major J.C. RANSDEN
Joint Secretary (Am)

Capt. S.J.P. LOUDEN.
Joint Secretary (Br).

Allied Force Local Resources (Italian) Boa 3804

Copy Sent
MGS AFHQ

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2. Vice Chairman (Am)
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17/18. D.G.M.R.
19. CMO (Br)
20/21. H.Q. A.M.G., 15 Army Gp. NAPLES.
22/23. H.Q. A.C.C., BRINDISI
24. H.Q., A.F.L.R.S., A.F.H.Q.
25/34. Local Resources Section
35. File
36/44. Spare
45. C.G. P.E.S.
46. DD/C.C.
47. Q.1
48. Q.2
49. G.P.M., P.E.S.
50 A.D.M. (Stores)

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Appendix ...

ENGINEERING MATERIALS COMPUTER.

Material STRUCTURAL STEEL Class I-A-a.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by	Description
A.C.-1	11 Dec.	I.M.A.M. Airplane Works, Corso Malta.	Naples.	36 Air Depot Gp. A.C.	Angles & Ch small sizes. Rods. 3 mm " 15 mm Bar, up to " 2,cm x Strap for Wire mesh,
AMG.10	12 Dec	Alfa Romeo, Pomigliano airport.	Naples.	41 Service Gp. A.C.	Bars from " flat. Angles from 120x12 Tees. Rails.

Material PIPE, VALVES, FITTINGS Class I-A-c.

PBS -E 2 P.A.	13 Dec	Fontanelle Caves	Naples.	P.B.S.Engrs.	Marine Boil Length. O.D 3.8 m. 90 2.1 m. 90 2.3 m. 80 3.0 m. 44 1.8 m. 32 4.1 m. 28 6.0 m. 28 (Smaller qu
P.B.S. E 1.P 23	1 Nov	San Rocco Caves	Naples.	R.A.F.	2" Iron p
	8 Dec	Alpha Romeo works	Naples.	41 Ser.Gp. A.C.	

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ENGINEERING MATERIALS COMMITTEE.

Date 20 Dec 43.

Location.	Controlled by	Description of Material.	Quantity on hand.	Monthly Production.
ks, Naples.	38 Air Depot Gp. A.C.	Tubes & Channels and all sizes. Rods. 3 mm to 15 mm. " 15 mm to 150 mm. Bar, up to 4 cm x 20 cm. " 2 cm x 2 cm. Strap for Boiling Wire mesh, 6 cm x 50 cm. x 10 m long.	5 T. 25 T. 25 T. 5 T. 2 T. 5 Rolls. 60 Rolls.	
no Naples.	41 Service Gp. A.C.	Bars from 5 mm to 200 mm. " flat. Angles from 30x15 mm to 120x120 Tees. Rails.	109 T. 2.5 T. 54 T. 2 T. 21 T.	See Inventory for details.
A-C. Naples.	P.B.O.Engrs.	Marine Boiler Tubing. Length. O.D. I.D. Pieces. 3.8 m. 90 mm. 80 mm. 85 2.1 m. 90 mm. 70 mm. 70 2.3 m. 80 mm. 70 mm. 60 3.0 m. 42 mm. 36 mm. 2,800 1.8 m. 32 mm. 27 mm. 2,700 4.1 m. 28.5 23 mm. 13,500 6.0 m. 28.5 23 mm. 5,500 (Smaller quantities of misc. sizes are also available)		
Naples.	R.A.F.	2" Iron pipe.	1,000'	
Naples.	41 Ser.Gp. A.C.			

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Appendix ..

ENGINEERING MATERIALS COMMITTEE.

Material: PIPE, VALVES, FITTINGS, Class I etc.

..G/..C File.	Date of Survey.	Name and Address.	Location.	Controlled by	Description
		Materials for municipal Water System.	Paestum.	Reported by M.....F.	Steel and ... Pipe. No de...
P.W.S.-21 Page 23.	1 Nov.	Evandro Ranieri V.Virgilio,4.	Naples.	P.W.S.Engrs.	Length. O.D. - - 20... 18... 22... 23...
..R.S.-1	17 Dec.	Italian State Ry. Yard.	Naples.	R.R.S.	Steel Pipe Diam. 1" 1¼" 1½" 2" 3" 4" To...
					Steel Pip... 50 mm 65 mm 75 mm 100 mm 125 mm 150 mm 175 mm

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ENGINEERING MATERIALS COMMITTEE.

Date 20 Dec 43.

-c.

...ss.	Location.	Controlled by	Description of Material.	Quantity on hand.	Monthly Production.
...unicpal	Frastua.	Reported by H.....F.	Steel and Asbestos-Cement Pipe. No details available.	70 Miles.	
	Naples.	PWS.Engrs.	Length. O.D.-I.D. - - - 20 mm 20x18 16x16 22x20 23x20	Pieces. 3,000 500 300 100 2,000	
ly.	Naples.	P.W.S.	Steel Pipe with Couplings. Diam. — Lin.metres. ¼" 1200 ⅜" 3000 ½" 1800 ¾" 2300 1" 2650 1¼" 1350 1½" 3000 2" 1400 3" 900 4" 1000 Total... 18600 m.	Galvanised Pipe with Couplings. Diam. — Lin. metres. ¼ 325 ⅜ 300 ½ 1150 1" 740 1¼ 11500 1½ 150 2" 1200 3" 575 3½ 450 4 422 Total.. 16815 m.	
			Steel Pipe, Tar covered. 50 mm 1172 m. 65 mm 2100 m. 75 mm 990 m. 100 mm 921 m. 125 mm 401 m. 150 mm 1690 m. 175 mm 1144 m.	200 mm 520 m. 225 mm 140 m. 250 mm 60 m. 275 mm 60 m. 400 mm 48 m. 900 mm 16 m. Total 8212 m	



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Appendix A.

ENGINEERING MATERIALS COMMITTEE

Material: PIPE, VALVES, FITTINGS. Class I-A-c.

A.G/ACG File.	Date of Survey.	Name and address.	Location.	Controlled by.	Descript
ARS-1	17 Dec	Italian State Rly. Yard.	Naples.	A.A.S.	Cast Ir Diam. 30 mm 50 mm 100 mm 150 mm 175 mm 200 mm 250 mm 275 mm Total
ANG-10	12 Dec	Alpha Romeo Pomigliano Airport.	Naples.	41 Service Gp. A.C.	Tubes- 14x18 Tubes- 3/8" to
		Silurificio Baia	Naples.	R.A.	Pipe,
		Storeyard West of Granili Barracks.	Naples.	-	Pipe,
		Vincenzo Alterio V. Scipione Rovito, 16.	Naples.	-	Cast sizes
		Ry. Spur Track. Map ref. (234491)	Naples.	-	Water galve

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Date 20 Dec 43.

	Location.	Controlled by.	Description of material.	Quantities on hand.	Monthly production.
Yard.	Naples.	R.A.S.	Cast Iron Pipe-Flanged both ends. Dian. / Lin.metres.: 30 mm 268; 50 mm 542; 100 mm 24; 150 mm 513; 175 mm 195; 200 mm 345; 250 mm 1065; 275 mm 80; Total ... 3032 m.		Cast Iron Bell and Socket. Dian. / Lin.metres.: 30 mm 4755; 50 mm 1973; 100 mm; 125 mm 426; 150 mm 3132; 175 mm 4407; 200 mm 5174; 225 mm 711; 250 mm 3648; 300 mm 17; 400 mm 320; Total ... 24623 m.
t.	Naples.	41 Service Gp.A.C.	Tubes- 12 sizes, from 14x18 mm to 238x250 mm. Tubes- 11 sizes, from 3/8" to 2½"	68 T. 42 T.	See Inventory for details.
	Naples.	R.N.	Pipe, all sizes.		
	Naples.	-	Pipe, 1 cm to 20 cm.		
,16.	Naples.	-	Cast Iron Pipe, misc. sizes.		
p	Naples.	-	Water pipe, threaded, galvanized, 1 cm to 10 cm.		

Quantities not given. Names listed as possible source.

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Appendix A.

Material	Steel Plate	Class I - A - d			
AMG/ACC File	Date of Survey	Name and Address.	Location	Controlled by.	Description
AC - 1	11 Dec	I.R.A.M. Airplane Plant Corso Italia	Naples	38 Air Dep Gp - ..C.	Plates. 4mm x 1M x 0.5mm x 1 x
	30 Nov	Otis Ascensori & Montecarchi	Naples	AMG/LLL	Rolled Steel Steel Sheet Steel Bar
Rails AMG-12	18 Dec	STREET RAILWAY	Naples	605 Ord	Ry. Rail, t. length 2.(M
Material	Tub Scaffolding	Class I - A -			
	11 Dec	I.R.A.M. Plant (Trade)	Naples	38 Air Dep Group	Clamps for T Scaffolding
	13 Dec	Fontanella Cives	Naples	FUS Engrs	Boiler Tubes assorted Siz for use at P
DW - 2	5 Nov	Ry Siding 12 Km S of Foggia	Foggia	8 Army Hq	Tubes - 1½" " 1¼" " 1" Couplings, e
	5 Nov	3953 Stella		8 Army HQ	Tubes - 2" x Connectors, Footplates Tubular Scaf

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ENGINEERING MATERIALS SUMMARY

Date 20 Dec 43

- d

se.	Location	Controlled by.	Description of material	Quantity on hand.	Monthly production.
Plant	Naples	38 Air Dep Gp - A.C.	Plates: 4mm x 1M x 2M	20 pcs	
			0.5mm x 1 x 2	100 pcs	
	Naples	AMG/III	Rolled Steel shapes	160 T	
			Steel Sheet	5 T	
			Steel Bar	6 T	
				171 T	
	Naples	605 Ord	Ky. Rail, type 36 lb length 9.0ft	630 L.ft.	
-S	Naples	38 Air Dep Group	Clamps for Tubular Scaffolding	App. 500 pcs	
	Naples	1TS Engrs	Boiler Tubes of assorted Sizes & Lengths (not in good condition for use at Marine Boiler Tubing)	1000 pcs	
	Foggia	8 Army HQ	Tubes - 1¾" x 15"	35 pcs	
			" 1½" x 4'9"	16 pcs	
			" 1"	4 boxes	
			Couplings, etc	Not given	
		8 Army HQ	Tubes - 2" x 15'	300 pcs	
			Connectors, Kt. Angle	100 pcs	
			Footplates	60 pcs	
			Tubular Scaffolding	6000 Ft run	

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ENGINEERING MATERIALS COMMITTEE

Appendix A
Material Cable & Rope Class I - A - h

AMG/ACC File.	Date of Survey	Name and address.	Location	Controlled by	Description
	8 Dec	Alpha Romeo Plant	Pomigliano (Naples)	41 Air Ser Gp	Wire Rope,
	11 Dec	I.M.A.M. Plant (Naples)	Naples	38 Air Depot Gp	Wire Rope
	13 Dec	Fontanella Caves	Naples	PBS Engrs	Wire Rope, Misc. Sizes Hemp Rope - Misc. Rope Winches wit Pulleys &
P.B.S. E-1 p.1	1 Nov	Fontanella Caves	Naples	PBS Engrs	Wire Cables Barrage Ball Differentia
	1 Nov	Yale Dock, Sta Marittima	Naples	PBS Engrs	Rope, Hemp
	1 Nov	Louisa M Alcott Dock Pontile Giovanni Bausan	Naples	PBS Engrs	Rope, Hemp
	1 Nov	Post Granilli Barracks C 238491	Naples	PBS Engrs	Wire Rope
AMC - 10	8 Dec	Alpha Romeo Works Pomigliano Airport	Naples	41 Ser. Gp Air Corps	Wire Rope, Pulleys & Hoisting
MRS - 1	17 Dec	Italian State Ry Yard	Naples	PBS	Wire Rope

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ENGINEERING MATERIALS OFFICE

Date 20 Dec 43

Location	Controlled by	Description of material.	Quantity on hand	Monthly production.
Ford Islan (Hawaii)	41 Air Dep Gp	Wire Rope, 20 mm	3500 M	
Naples	5th Air Depot Gp	Wire Rope	1 Reel	
Naples	PBS Engrs	Wire Rope, 20 mm Misc. Sizes up to 35 mm Hemp Rope - 100 mm Misc. Rope & Cable Winches with 20 cm wire rope Pulleys & Blocks for 20 mm rope	2 Reels 10 Rolls 2 Rolls - 2 pcs 30 pcs	
Naples	PBS Engrs	Wire Cables for Barrage Balloons Differential Tackle	50 pcs 15 pcs	
Naples	PBS Engrs	Rope, Hemp	Not Given	
Naples	PBS Engrs	Rope, Hemp	Not given	
Naples	PBS Engrs	Wire Rope	Not given	
Naples	41 Ser. Gp Air Corps	Wire Rope, 20 mm Pulleys & Sheaves for Hoisting Tower	3000 M 10 pcs	
Naples	NRS	Wire Rope 3 mm 6 mm 8 mm 10 mm	800 M 800 M 2000 M 13700 M	

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App....

ENGINEERING MATERIALS COMMITTEE

Material : WELDING ROD Class I - A - K.

A.G/ACC File.	Date of Survey.	Name and Address	Location	Controlled by	Description of Ma
A.C.-1	11 Dec	I.M.A.A. Airplane Plant Corso Malta.	Naples	38 Air Depot Gp.AC.	Welding Rod, ass sizes, bare and
Material : RIVETS Class I - A - J.					
A.C.-1	11 Dec	I.M.A.A.	"	"	Rivets, assorte
Material : SCREWS Class I - A - 1.					
AC 1.	11 Dec	I.M.A.A.	"	"	Wood Screws, as small sizes
Material: AMG-III #1408	STEEL, Semi-finished. 3 Dec	ILVA STEEL WORKS, Bagnoli & Torre Annunziata.	"	A.G. III	Semi-finished s Ingots. Ingots for shel Billets. Scrap Steel & I Pig Iron. Totals
		Obtain data from Col.Glenuenning, Flamto 121.	Bari.	U.S.A.A.F. (Br).	Semi-finished s Ingots. Billets. Pig Iron. Scrap Iron & St Tota
Material : METAL-Non-ferr. Class 1 B.					Al sheet.
ALUMINUM	11 Dec	I.M.A.A. Works (Breda) Corso Meridionale.	Naples.	38 Air Port Gp.-Air Corps.	1 mm x 1.0 m x 1 mm x 1.0 m x 10 mm x 1.0 m x Rod - 60 mm x 100 mm x 120 mm x Al.Rivets,assort Sizes ¼" to 1" Al.Special Extr shapes-ovals,tub Aluminum Ingot

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ENGINEERING MATERIALS COMMITTEE

Form C

Date 20 Dec 45

	Location	Controlled by m	Description of Material	Quantity on hand	Monthly Production
nt	Naples	38 Air Depot Gp.AC.	Welding Rod, assorted sizes, bare and coated	10 Tons	
	"	"	Rivets, assorted sizes	0.5 Ton	
	"	"	Wood Screws, assorted small sizes	2 Tons	
	"	AMG.III	Semi-finished steel.	Quantity on hand. Bagnoli.	Torre Annunziata.
			Ingots.	10,641 T.	181 T.
			Ingots for shells.	256	-
			Billets.	6,180	1,166
			Scrap Steel & Iron.	365	5,173
			Pig Iron.	-	1,805
			Totals ...	17,444 T.	8,325 T.
	Bari.	U.S.A.A.F. (Br).	Semi-finished steel.		
			Ingots.	1,226 T.	
			Billets.	420 T.	
			Pig Iron.	908 T.	
			Scrap Iron & Steel.	1,290 T.	
			Total	3,844 T.	
			Al sheet.		
n)	Naples.	38 Air Port Gp.-Air Corps.	1 mm x 1.0 m x 3.5 m.	200 pieces	
			1 mm x 1.0 m x 2.0 m.	140 "	
			10 mm x 1.0 m x 2.0 m.	2 "	
			Rod - 60 mm x 2.0 m.	50 "	
			100 mm x 2.0 m.	50 "	
			120 mm x 1.5 m.	14 "	
			Al.Rivets,assorted sizes $\frac{1}{4}$" to 1"	2.3 Tons.	
			Al.Special Extruded shapes-ovals,tubes,tees,etc.	10 Tons.	
			Aluminum Ingot	60 Tons.	

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ENGINEERING MATERIALS COMMITTEE.

APPENDIX A.

Material : METAL-Non-Ferr. Class 1 B.

AMG/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by.	Descrip
ALUMINUM. AMG.10	12 Dec.	Alpha Romeo Works Pomigliano Airport.	Naples.	41 Ser.Gp. Air Corps.	Aluminum " " " Fo " Ma " Ba " Pl
MAGNESIUM.	12 Dec.	" " " "	"	" "	Magnesiu
ZINC.	15 Dec.	Reported by Mining Div. A.C.C.	Crotone, Calabria.	Mining Div. A.C.C.	Zinc Sla " "
WHITE BEARING METAL. (BABBIT)	30 Nov.	Otis-Ascensori & Montacarchi.	Naples.	AMG/III.	Babbit M
ARS - 1	17 Dec.	Italian State Sy. Yard-Purgatorio.	Naples.	M.M.S.	White Me Bearings
	11 Dec.	I.M.A.M. Airplane Works, Corso Meridionale.	Naples.	3# Air Depot Gp.	Unfinish for air
BRASS.	30 Nov.	Otis Ascensori & Montacarchi.	Naples.	AMG/III	Brass ba
	11 Dec.	I.M.A.M. Airplane Works.	Naples.	3# AOG.	Brass sh 0.5 mm x Bar. six Tube.-He

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ENGINEERING MATERIALS COMMITTEE.

Date 20 Dec 43.

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
	Naples.	41 Ser.Gp. Air Corps.	Aluminum Ingot, Pure	10 T.	
			" " Hard alloy	60 T.	
			" " var.alloys	20 T.	
			" Foundry scrap	150 T.	
			" Machining scrap		
			" Bars	10 T.	
			" Plate, flat & corrugated	30 T.	
	"	" "	Magnesium.	4 T.	
Div.	Crotone, Calabria.	Mining Div. A.C.C.	Zinc Slab - 99.97%	700 T.	Not given.
			" " - 99.99%	100 T.	
				800 T.	
	Naples.	AMG/III.	Babbit Metal.	1 T.	
	Naples.	M.E.S.	White Metal for Bearings.	600 lbs.	
Works,	Naples.	38 Air Depot Gp.	Unfinished bearings for airplane motors.	100 pcs.	
	Naples.	AMG/III	Brass bar.	2 tons.	
Works.	Naples.	38 AOG.	Brass sheet.		
			0.5 mm x 50 cm x 150 cm	70 pcs.	
			Bar. sizes up to 2 cm diam.	100 lin.M.	
			Tube.-Heavy wall, up to 5 cm dia.	25 lin.M.	

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APPENDIX "A"

ENGINEERING MATERIALS COMMITTEE.

Material : METALS, Non-Ferrous. Class I A.

M.G/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled By.	Description
BAUXITE.	15 Dec.		Foggia.	Mining Div. A.C.C.	Commercial Aluminium pr
ALUMINUM.		Arms Factory 28 Base Supply Depot, Torre Annunziata.	Naples.	28 S.S.D. (Br).	Aluminum In " scr
		Small Arms Factory.	Capua.	13 Chem. Warfare (Am)	Aluminum In " scr

Material : PLUMBING FIXTURES. Class III.

PBS.-E 1 F 22.	1 Nov.	I G E M (Farina) Via G.Verdi, 35.	Naples.		Plumbing fi
"	1 Nov.	Salvatore Majetti.	"		Plumbing fi
	16 Dec.	Gaetano Origgi Via O.Costa (Tribunali)	"		Plumbing fi

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...LDING MATERIALS COMMITTEE.

Date 20 Dec 43.

	Location.	Controlled by.	Description of material.	Quantities on hand.	Monthly production.
	Foreign.	Mining Div. W.P.C.	Commercial Bauxite for Aluminium production.	40,000 T.	
...ase re	Naples.	28 S.S.D. (Br).	Aluminum Ingot " scrap in bales.	500/600 T. estimated.	
...y.	Capua.	13 Chem. Warfare (Am).	Aluminum Ingot " scrap - baled.	100 T. 300 T.	
	Naples.		Plumbing fixtures.		
.	"		Plumbing fixtures.	= No inventories available.	
...unali)	"		Plumbing fixtures.	Names listed for information.	

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ENGINEERING MATERIALS COMMITTEE

Appendix A
Material Cement Containers

ANC/ACC File	Date of Survey	Name and address	Location	Controlled by	Description of mate
DW - 2	18 Dec	S.A. Italcimento.	Salerno	P.B.S.	Cement bags, 3 ply Cement Bags, 4 ply
Material	Asbestos - Cement				
ANC - 11	18 Dec	Eternit Works. Ingrnli.	Naples	605 Ord (Am). Maj. Kerner,	Flat Sheets size 60 x 100 cm to 120 Pressure Pipes 50 mm to 600 mm di Soil Pipes 25 mm to 600 mm dia Flues - (Smoke Pi 60 mm to 150 mm Square Flues. fro 10 cm x 10 cm to 2 Special Pieces Va Elbows for Soil P Flues in sufficie to use with pipe
Asbestos Fibre					
DW - 2	18 Dec	Eternit Works. Ingrnli.	Naples	605 Ord. (Am)	Asbestos Fibre
Paint.					
HAS -1	17 Dec	Italian State Ry Yd. - Purgatorio	Naples	HAS	Paint - Black Brown Grey Blue Yellow Red Green Rust

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RING MATERIALS COMMITTEE

Location	Controlled by	Description of Material	Quantity on Hand	Monthly production.
Salerno	F.B.S.	Cement Bags, 3 ply Cement Bags, 4 ply	239,200 24,300	Tr. Ordnance is believed to know of add'l stocks.
Naples	605 Ord (Am) Maj. Monroe,	Flat Sheets size from 60 x 100 cm to 120 x 120 cm	1,900 Sq.	
		Pressure Pipes 50 mm to 600 mm dia	1,000 L.M.	
		Soil Pipes 25 mm to 600 mm dia	6,950 L.M.	
		Flues - (Smoke Pipe) 60 mm to 150 mm	1,214 L.M.	
		Square Flues. from 10 cm x 10 cm to 20 x 25	172 L.M.	
		Special Pieces Ta, Te, Elbows for Soil Pipes and Flues in sufficient quantity to use with pipe listed above.		
Naples	605 Ord. (Am)	Asbestos Fibre	30 T.	
Naples	IRS	Paint - Black	16 gal	
		Brown	114 "	
		Grey	7 "	
		Blue	2 "	
		Yellow	3 "	
		Red	26 "	
		Green	15 "	
		Rust	2 "	
		Total	185 units	

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REQUIREMENTS MATERIALS COMMITTEE

Appendix A

Material	Concrete Mixers, Air Comp.		Class IV a		
AAF/AGC File	Date of Survey	Name and address	Location	Controlled by	Description of
P&S - E1 p8	1 Nov	ITAL Works Ingoli	Naples	P&S Engrs	Concrete Mixer
	1 Nov	Regia Marina Palazzo ammiraglio	Naples	P&S Engrs	Concrete Mixer
	16 Dec	San Rocco Caves	Naples	114 FAU	Concrete Mixer
Air Compressor					
DT - 2	16 Dec	Not given	-	112 A/Sqn & Park Coy (Ex)	Air Compressor
Rock Crusher	18 Dec	Loom ni quarry belg transferred to 11 FSD	Salerno / Cancello	11 FSD (Ex)	Rock Crusher
Material Machinery & Plant.			Class IV		
Starting	Class IV - c				
AC - 1	11 Dec	F.....h. Airplane Plant Corso Italia	Naples	36 Air Depot Gp.	Starting, u... sizes up to
Light Tools					
AC - 1	11 Dec	Class IV - I.M...h.	Naples	36 Air Dep Gp.	Hand Files, ...brasive wh... Hammer and ... hand tools C - Clamps,

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ENGINEERING SPECIALS CONTINUED

Class IV a

Location	Controlled by	Description of material	Quantity on hand	Monthly production
Naples	Pro Engrs	Concrete Mixer, Size unknown	1	
Naples	Pro Engrs	Concrete Mixer, Size unknown	1	
Naples	111 EAF	Concrete Mixer, ½ Cu Ft	2	
		Tot:	4	
-	112 T/Shop & Park Cy (Ir)	Air Compressor	1	
Salerno Cancello	11 ESD (Ir)	Rock Crusher	1	
Naples	36 Air Depot Gp.	Shafting, unpolished assorted sizes up to 200 mm	100 lin ft.	
Naples	36 Air Depot Gp.	Hand files, metal Abrasive wheels Power and disc. shop hand tools C - Clamps, 20" life	1000 pcs 6 pcs 100 pcs 500 pcs	

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APPENDIX A.

ENGINEERING MATERIALS COMMITTEE.

Material : MACHINE TOOLS. Class IV k,l,m.

A.G/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by.	Description
A.C.-1	15 Dec.	I.R.A.A.F. Airplane Plant.	Naples.	3d Air Depot Gp.-AC.	Machine Tool Lathes, Milli Drill Presse Presses, Shap Mills, Punch Grinders, Spe

Material : ELECTRIC WIRE. Class Vc.

MRS - 1.	17 Dec.	Italian State Ry. Yard, Furgatorio.	Naples.	MRS	Copper Wire- 4 mm - 3 s 4 - 7 5 - 7 6 - 7 6.5 - 7 7 - 19 9 - 19 13 - 19 17 - 37
					Copper Wire. 3.5 mm 4 4.5
					Copper Wire. 1 mm. 1.5
					Aluminum Wir 3 mm.

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EERING MATERIALS COMMITTEE.

Date 20 Dec 43.

	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
nt.	Naples.	38 Air Depot Gp.--C.	Machine Tools incl. Lathes, Milling machines, Drill Presses, Radial Drill Presses, Shaper, Boring Mills, Punch Presses, Grinders, Special Machines.:	133 machines.	See Inventory for details.
	Naples.	AHS	Copper Wire-strands. 4 mm - 3 strands - 5020 Kg. 4 - 7 " - 9720 5 - 7 " - 1300 6 - 7 " - 2700 6.5 - 7 " - 1200 7 - 19 " - 1300 9 - 19 " - 1800 13 - 19 " - 200 17 - 37 " - 400 Total ...- 24.3 tons.	Bronze Wire, insulated. 2 mm. - 1190 metres 3 - 1000 Total - 2190 "
				Bronze Wire, bare 1.5 mm - 350 Kg. 2 - 890 2.5 - 210 3 - 25,000 4 - 250 5 - 800 Total ... 27.5 T.
			Copper Wire, bare, solid. 3.5 mm - 1200 Kg. 4 - 400 4.5 - 2200 Total ... 3.8 tons.	Steel wire, bare, galvanized. 2.5 mm. - 3300 Kg. 3 - 920 4 - 940 Total .. 5.16 tons.
			Copper Wire, bare, tin coated. 1 mm. - 1200 Kg. 1.5 - 375 Total ... 1575 Kg.	Iron wire, galv. bare. 1.5 mm. - 3100 Kg. 2 - 5400 3 - 26850 4.5 - 150 Total - 35.5 T.
			Aluminum Wire, bare. 3 mm. - 2300 Kg.	

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APPENDIX A.

ENGINEERING MATERIALS COMMITTEE.

Material: RULES and ELECTRIC WIRE. Class V.c.

AMG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Description of ma
MRS - 1	17 Dec.	Italian State Ry.Yard, Purgatorio.	Naples.	M.E.S.	Electric cord,2, conductor Telephone cord Aluminum wire, In 10 mm. Bronze wire, Ins. Copper wire,Ins.s 2 mm. 6 mm. Electric Light bu
	18 Dec.			P.Tn.	25 Volts, varion 50 " " 100 " " 110 " " 125 " " 135 " " 145 & 150 " 6.6 Amps. " 7.5 " " 9.6 " " 20.0 " " Total ...
D C 2.	18 Dec.	S.A.Fabrica Italiana Conduttore Elettrici V.Arenaccia,236.	Naples.	D.A.D.W.	Bare wire,6,8,10. Insulated wire,6,8
AMG-10.	8 Dec.	Alpha Romeo Works, Pomigliano Airport.	Naples.	41 Ser.Gp. Air Corps.	Electric cable specs.unknown.
	13 Dec.	Fontanelle Caves.	"	PRS. Engrs.	" "
	16 Dec.	San Rocco Caves.	"	114 R.A.F.	" " paper c " " loud c

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ENGINEERING MATERIALS COMMITTEE.

Date 20 Dec

Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.	
Naples.	W.S.S.	Electric cord, 2, 3 and 10 conductor –	9,789 m.		
		Telephone cord –	2,600 m.		
		Aluminum wire, Ins: 8,9, 10 mm. –	12,150 m.		
		Bronze wire, Ins. –	400 m.		
		Copper wire, Ins. stranded			
		2 mm. –	2,700 m.		
		6 mm. –	1,200 m.		
	D.Tn.	Electric Light Bulbs.			
		25 Volts, Various wattage.	20 bulbs		
		50 " " "	250		
		100 " " "	190		
		110 " " "	950		
		125 " " "	58,343		
		135 " " "	188		
		145 & 150 " "	31,613		
		6.6 Amps. " "	1,258		
		7.5 " " "	471		
		9.6 " " "	329		
		20.0 " " "	2,675		
		Total	96,287 bulbs.		
Naples.	D.A.D.W.	Bare wire, 6, 8, 10. Insulated wire, 6, 8, 10.	– "Considerable stock".		
Naples.	41 Ser.Gp. Air Corps.	Electric cable – specs. unknown.	4 reels		
"	PBS. Engrs.	" " –	25 reels.	– Electric cables.	
"	114 R.A.F.	" " paper cov.	14 reels.		
		" " lead cov.	4 reels.		

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APPENDIX A.

ENGINEERING MATERIALS COMPUTED.

Material : ELECTRIC Wire,etc. Class V.c.

AAG/ACC File.	Date of Survey.	Name and address.	Location.	Controlled by.	Description
PSS.-E2	27 Nov.	Fontanelle Caves.	Naples.	PSS.Engrs.	Iron wire for Support brack Glass insulat
PSS.-E2 E2,3	27 Nov.	" "	"	" "	Zinc plates f batteries Batteries, l
"	27 Nov.	" "	"	" "	Bakelite shee Micalex " Fibre "
AAG.III.	30 Nov.	Otic-Accensori & Montacarchi.	"	AAG.III.	Copper Wire, Sizes unknown

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ENGINEERING MATERIALS CONCENTRATE.

Date 20 Dec 43.

Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	LBS.Engrs.	Iron wire for tel.lines. Support brackets, insul. Glass insulators, #1 & 2.	12 rolls 3000 pcs. 1000 pcs.	Telephone equipment.
"	" "	Zinc plates for Italian batteries Batteries, 10 cell	5000 pcs. 20 pcs.	Batteries.
"	" "	Bakelite sheets Micalex " Fibre "	1800 kg. 900 kg. 25 kg.	Insulating panels for Switch boards.
"	AMG.III.	Copper Wire, Sizes unknown.	2 T.	

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APPENDIX B - SICILY -continued. ENGINEERING MATERIALS COMMITTEE.

AMG/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by.	Des
Material : ELECTRIC WIRE. Class					
	9 Dec.	IBS Depots.	Sicily.	IBS.	Sic Fo 12
Material : WELDING ROD. Class					
	9 Dec.	CEMEC	Sicily.	IBS.	Va
		"	"	"	
		IBS Depots.			
Material : CONSTRUCTION EQUIPMENT. Class					
	9 Dec.	IBS Depots.	Sicily.	IBS.	Air ea ai mo Ai Ot
		CEMSC	"	"	
		"	"	"	
		"	"	"	
		IBS Depots.	"	"	Co Ro

SUPPLIES OF OTHER CRITICAL ENGINEERING MATERIALS ARE REPORTED "NOT AVAILABLE" IN SICILY.

FRED M. REI
Lt.Col. IN

APPENDIX C - SARDINIA.

Material : METALS. Class - Non-Ferrous.

ZINC.	15 Dec.	ACC.H.Q.	Sardinia.	Mining Div. ACC.	Zi Zi
	"	"	"	"	Le
LEAD.					Le
	"	"		"	An
ANTIMONY.					

Declassified E.O. 12356 Section 3.3/NND No. 785016

ENGINEERING MATERIALS COMMITTEE.

37963

Date 20 D

Address.	Location.	Controlled by.	Description of material.	Quantity on hand.	Monthly production.
s.	Sicily.	IBS.	Single wire #4 to #18 No stocks of #8,9,10,11, 12,16 available.	375,000 ft.	
	Sicily.	IBS.	Various types	1,800 lbs.	
s.	"	"	" " steel	2,000 lbs.	
			" " no ferrous	500 lbs.	
ass					
s.	Sicily.	IBS.	Air compressors	8	
	"	"	Gasoline driven		
	"	"	air compressors,	4	
	"	"	motor tractor type		
			Air compressors		
			Other types	3	
s.	"	"	Concrete Mixers	12	
			Rock Crushers	2	

OF OTHER CRITICAL ENGINEERING MATERIALS
TED "NOT AVAILABLE" IN SICILY.

FRED M. REITER.
Lt.Col. IND.PLAN STAFF/ACC.

Date 20 D

B.

	Sardinia.	Mining Div.	Zinc slab - 99.99%	900 T	Not given
	"	ACC. "	Zinc Concentrates 56%	34,000 T	
			Lead Ingot	3,900 T	Not given
		"	Lead Concentrates 65%	12,000 T	
			Antimony Regulus (99.7%)	140 T	Not given

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APPENDIX B. - SICILY. ENGINEERING MATERIALS COMMITTEE.

Material Class

AMG/ACC File.	Date of Survey.	Name and Address.	Location.	Controlled by	Description
PIPE.	9 Dec.	IBS Depots.	Sicily.	IBS.	2" Pipe 2½" " 3" "
TUBULAR SCAFFOLDING.		Termini-Imaesse Docks.	Sicily.	IBS.	2" Tubular
WIRE ROPE AND CABLE.		IBS Depots.	Sicily.	IBS. " " " " CEMEC. " " "	8 to 1¼ gu 10 to 1¼ Cable ¼" " 3/8" " ½" " 5/8" " 5/8" " ¾" " 7/8" " 1" Blocks for ½" ¾" 1" 2"
ROPE.	9 Dec.	IBS Depots.	Sicily.	IBS.	Hemp Rope ½" ¾" 1" 1½" Sisal - 1/ Rope Bloc
PLUMBING FIXTURES.	9 Dec.	CEMEC.	Sicily.	IBS.	Sinks, slo stools, Pi

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ENGINEERING MATERIALS COMMITTEE.

Date 20 Dec 43.

s.	Location.	Controlled by	Description of material.	Quantity on hand.	Monthly production.	
	Sicily.	IBS.	2" Pipe 2½" " 3" "	33,622 ft. 629 " 252 "		
	Sicily.	IBS.	2" Tubular Scaffolding.	4,000 ft.		
	Sicily.	IBS. " " " " " CEMEC. " " "	8 to 14 guage 10 to 14 " zinc coated. Cable ¼" " 3/8" " ½" " 5/8" " 5/6" " 3/4" " 7/8" " 1" Blocks for Steel Ropes ½" 3/4" 1" 2"	1,100 reels 2,800 " 16,887 feet 43,000 " 32,390 " 111,360 " 2,000 " 68,000 " 9,000 " 24,228 " 16 130 166 22		Includes both Italian and U.S. Stocks
	Sicily.	IBS.	Hemp Rope Manila ½" 3/4" 1" 1½" Sisal - 1/4" to 3/4" Rope Blocks 3/4" 1"	236,000 feet 75,000 " 34,000 " 3,600 " 20,000 " 112 pcs. 711 pcs.		Includes both Italian & U.S.Stocks
	Sicily.	IBS.	Sinks, slop, single, Toilet stools, Pipes, fittings, all types.	117 pcs 39 " 2,000 "		

/continued overleaf

Dear Col. Logan-Grey

Copy No. 10

AFHQ., ADV. ADM. ECHELON,
LOCAL RESOURCES SECTION.
C.M.F.

Reference :- 7/2/LR.

13 December 1943.

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

ENGINEERING MATERIALS COMMITTEE.

A Meeting of the Engineering Materials Committee will be held in the Conference Room, this H.Q., on Monday, 20 Dec. 43 at 1415 hours to consider the following Agenda :-

1. Minutes of Previous Meeting.

2. Matters arising out of the meeting of the Board held on 11 Dec 43.

3. To discuss matters arising out of the allocations made at the previous meeting held on 6 Dec 43 of

   (a) Timber

   (b) Cement

   (c) Glass

   (d) Industrial Gases

4. To receive a report from AMG/ACC regarding availabilities of the materials itemised in para 6 of the Minutes of Meeting of 6 Dec 43.

5. To submit a further list of priority articles.

6. Any other business.

Declassified E.O. 12356 Section 3.3/NND No. 778016.

3. To discuss matters arising out of the above-mentioned meeting held on 6 Dec 43 of

(a) Timber

(b) Cement

(c) Glass

(d) Industrial Gases

4. To receive a report from AMG/ACC regarding availabilities of the materials itemised in para 6 of the Minutes of Meeting of 6 Dec 43.

5. To submit a further list of priority articles.

6. Any other business.

Thomas R. GIBBON,
Lt.Col., A.U.S.,
Vice Chairman (Am)

J.L. PRESCOTT,
Lt.Col., A.Q.M.G.,
Vice Chairman (Br).

Allied Force Local Resources (Italian) Board.

CMF.

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7/8 Flag Officer, Western Italy,
9/11 M.G.S., (Adv),
12/13 L.C., XII A.F.S.C.
14/15 D.G.M.R.,
16 ORD (Br),
17/18 H.Q. AMG, 15 Army Group, NAPLES,
19/20 H.Q. A.C.C., BRINDISI,
21 H.Q. A.F.L.R.S., A.F.H.Q.,
22/31 Local Resources Section,
32 File,
33/42 Spare.

Amt Wht at Taranto — Com see take over — 3795

Coal price — rpt. to next meeting

Allocation and distr. of Cement for Country as a Whole — # 11882 of 9 Dec Ref. Italian Govt

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14/65 4

Copy No. 8 of 13

Capt. Austin asks that you note para 7.

A.F.H.Q., ADV. ADM. ECHELON.
LOCAL RESOURCES SECTION.
C.M.F.

Reference 7/2/LR
9 Dec 43

ALLIED FORCES LOCAL RESOURCES (ITALIAN) BOARD
MINUTES OF ENGINEERING MATERIALS COMMITTEE.

1. The second meeting of the Engineering Materials Committee was held at 1030 hours 6 Dec 43 in the Conference Room, FLAMBO.

2. The following were present:- Chairman: Colonel D.L. ANDERSON. D.D.W. FLAMBO.

and representatives of:-

R.N. (F.O.W.I.T.)
Engineer, P.B.S.
C.E., No. 2 District
D.G.M.R., (including Tn (Br).)
Ord (Br)
M.A.A.F.
M.G.S. (Adv)
AMG/ACC (2)

in attendance:-

Vice Chairman (American) Allied Forces Local Resources (Italian) Board
Vice Chairman (British) " " " " " "
Joint Secretary (American)
Joint Secretary (British)
and six others. The Chairman stated that at future meetings the attendance will be limited to one member for each Branch.

3. The Minutes of the last meeting of 22 Nov 43 were approved by the Committee.

4. (a) In reference to matters pertaining to this Committee arising from the meeting of the A.F.L.R.(Italian) Board of the 29 Nov 43 the question of the jurisdiction of the Committee was agreed to be the Italian mainland. Information pertaining to Sicily and Sardinia as to available resources was merely informative.

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Ord (Br)
M.A.A.F.
M.G.S. (Adv)
AMG/ACC (2)

in attendance:-

Vice Chairman (American) Allied Forces Local Resources (Italian) Board
Vice Chairman (British) " " " " " "
Joint Secretary (American)
Joint Secretary (British)
and six others. The Chairman stated that at future meetings the attendance will be limited to one member for each Branch.

3. The Minutes of the last meeting of 22 Nov 43 were approved by the Committee.

4. (a) In reference to matters pertaining to this Committee arising from the meeting of the A.F.L.R.(Italian) Board of the 29 Nov 43 the question of the jurisdiction of the Committee was agreed to be the Italian mainland. Information pertaining to Sicily and Sardinia as to available resources was merely informative.

(b) The decision of the A.F.L.R.(Italian) Board at their meeting of the 29 Nov 43 to set up an Electric Power Committee consisting of the same membership as this Committee except for the substitution of a R.E.M.E. member in the place of the Ord member was recorded.

5. A report from AMG/ACC was received on four engineering items. 3794
Availability requirements (para 6 of Agenda) and machinery of allotment (para 7 of Agenda) were decided as follows:-

(a) TIMBER

1. Availability

AMG/ACC stated that only incomplete information was to hand (see Appendix A) but that the known availability at present was:-

Cut Timber	23,348	cu metres
Logs, cut or near mills	125,000	cu metres
Sleepers	350	cu metres (4,000 sleepers)

/ .....Page 2

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5. Cont.

2. Requirements

To effect uniformity in specifying requirements it was decided to establish the following four categories:-

(i) Structural material. Shortest dimension less than 3 inches.
(ii) Constructional Timber. Shortest dimension 3" up to 6" x 6".
(iii) Baulk Timber. Over 6" x 6".
(iv) Logs.

Monthly requirements in cu metres were stated as follows:-

	Categories				
	i.	ii.	iii	iv	Total
D.D.W., FLAMBO	6,000	4,000	-	-	10,000
P.E.S.	2,000	2,000	2,500	-	6,500
R.N.	100	50	60	-	210
DGMR.	250	-	350	-	600
ORD	200	-	-	-	200
MAAF	1,000	500	-	-	1,500
TOTALS	9,550	6,550	2,910	-	19,010

Making a grand total of 19,010 cu metres.

3. Machinery of Allotment.

It was decided that there was no necessity for allocations as the availability exceeded the immediate requirements. It was proposed and accepted that the distribution and development of all timber supplies for the Armed Forces be shared between D.D.W. (FLAMBO) and P.E.S. on the following basis, until AMG/ACC are able to take over this responsibility:-

D.D.W.,(FLAMBO) to supply : R.N.
M.A.A.F. (East Side)
ORD (Br)
D. Tn. (Br)

P.E.S. to supply : M.A.A.F. (West Side)
D.G.M.R.

It was stated that considerable supplies of timber [illegible]

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TOTALS	9,550	6,550	2,910	-	19,010

Making a grand total of 19,010 cu metres.

3. Machinery of Allotment.

It was decided that there was no necessity for allocations as the availability exceeded the immediate requirements. It was proposed and accepted that the distribution and development of all timber supplies for the armed Forces be shared between D.D.W. (FLAMBO) and P.B.S. on the following basis, until AMG/ACC are able to take over this responsibility:-

D.D.W. (FLAMBO) to supply : R.N.
M.A.A.F. (East Side)
ORD (Br)
D. Tn. (Br)

P.B.S. to supply : M.A.A.F. (West Side)
D.G.M.R.

It was stated that considerable supplies of timber were going to civilians causing a serious blockage in rail and road movement. A meeting between D.D.W.(FLAMBO), P.B.S. and AMG/ACC was arranged to discuss price setting, and means of limiting civilian requirements.

(2) CEMENT

1. Availability

D.D.W.(FLAMBO) stated that known availability of plants at Taranto, Modugno, Barletta (under British control) and Salerno (under American control) was 11,500/12,500 tons per month. AMG/ACC stated estimated production capacity of occupied Italy was 18,000 tons (see Appendix B).

2. Requirements.

D.D.W. (FLAMBO)	5,000	tons	per	month
P.B.S.	1,500	"	"	"
M.A.A.F.	600	"	"	"
R.N.	150	"	"	"
Total	7,250			

See page 3.

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5. Cont.

3. Machinery of Allotment.

It was decided that there was no necessity for allocations as the availability exceeded the requirements. All requirements including civil on the East Side of the Mainland to be passed to D.D.W.(FLAMBO) and on the West Side to F.B.S., it being decided that the Armed Forces would continue to operate these plants until such time as AMG/ACC were able to assume this responsibility.

(c) GLASS.

1. Availability.

AMG/ACC stated that the known availability of glass was 30,000 sq. metres (see Appendix C) but that production was suspended owing to lack of raw materials. The Committee recommended that AMG/ACC take immediate steps to import the necessary raw materials to enable the plants to commence operations. Estimated monthly production 100,000 square metres of glass per month.

2. Requirements.

Requirements were not stated but were known to be in excess of availability.

3. Machinery of Allotment.

It was decided to allot the 30,000 square metres equally between D.D.W.(FLAMBO) and F.B.S. Urgent civilian needs to be presented by AMG/ACC to D.D.W.(FLAMBO) (East Side) or F.B.S. (West Side).

(d) INDUSTRIAL GASES

1. Availability

AMG/ACC supplied the following minimum figures of availability (see Appendix D) :-

OXYGEN	29,000 bottles	(100 cu ft each) per month
ACETYLENE	3,400 bottles	(220 cu ft each) per month
HYDROGEN	1,600 bottles	(100 cu ft each) per month

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2. Requirements.

Requirements were not stated but were known to be in excess of availability.

3. Machinery of Allotment.

It was decided to allot the 30,000 square metres equally between D.D.W.(FLAMBO) and P.B.S. Urgent civilian needs to be presented by AMG/ACC to D.D.W.(FLAMBO) (East Side) or P.B.S. (West Side).

(d) INDUSTRIAL GASES

1. Availability

AMG/ACC supplied the following minimum figures of availability (see Appendix D) :-

OXYGEN	29,000 bottles	(100 cu ft each) per month
ACETYLENE	3,400 bottles	(220 cu ft each) per month
HYDROGEN	1,600 bottles	(100 cu ft each) per month

2. Requirements

	OXY	ACET	HYD	
CRD	3,370	900	-	
P.B.S.	5,123	2,000	-	
M.A.A.F.	19,500	500	-	
R.N.	4,560	300	-	
Totals	32,553	3,700	nil	bottles

3793

3. Machinery of Allotment.

It was decided that by an overall increase of production of 10% the difference between availability and requirements could be met. The only immediate shortage was reported by M.A.A.F. and it was considered that if P.B.S. could place at the disposal of M.A.A.F. a factory capable of supplying the entire requirements of M.A.A.F. in breathing Oxygen this would be a wise move. P.B.S. thought that the SAGACLI factory might be able to cope with this demand and was prepared to release it.

/..... See Page 4.

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(3 continued)

It was decided to reconsider the allotment of gases at the next meeting when more accurate production figures will be available. Owing to a shortage of bottles it was requested that A.G/ACC produce to the Committee a census of bottles, and to assist them each Service would circulate a request for a return showing locations and quantities of bottles, these returns to be collated by A.G/ACC. All plants at present to continue to be operated by the Armed Forces until such time as A.G/ACC are able to assume this responsibility. A.G/ACC are endeavouring to locate liquid Ammonia.

6. The following list of next priority articles was decided. A.G/ACC agreed to present at the next meeting a report, complete as far as time would permit, on these items :- Steel Cable and steel wire rope,
Ropes (cordage) 2" and 3",
Blocks and tackle,
No.6 and No.10 Insulated copper wire,
Electric fittings and electric bulbs,
Plumbing fixtures, fittings and pipes,
Plywood,
Roofing paper,
Cement containers (bags and/or wooden barrels),
Asbestos fibre,
Welding rod of all types,
White metal for bearings,
Paint and Red Lead,
Chemicals for the emulsification of bitumen,
Concrete mixers,
Stone crushers,
Mobile cranes,
Air compressors.

It was requested that all the above items be frozen pending investigation of availability, A.G/ACC to carry this out when instructions are received from the Board.

7. The ACC representatives pointed out that their research work was hampered by lack of personnel and it is recommended to the Board that the necessary steps be taken to support their application for the increase of personnel.

8. The next meeting to be held at 1415 hours, 20 December 43 in the Conference Room, FLAMBO.

John C Reynolds

Declassified E.O. 12356 Section 3.3/NND No. 788016

Roofing paper,
Cement containers (bags and/or wooden barrels),
Asbestos fibre,
Welding rod of all types,
White metal for bearings,
Paint and Red Lead,
Chemicals for the emulsification of bitumen,
Concrete mixers,
Stone crushers,
Mobile cranes,
Air compressors.

It was requested that all the above items be frozen pending investigation of availability, AMG/ACC to carry this out when instructions are received from the Board.

7. The ACC representatives pointed out that their research work was hampered by lack of personnel and it is recommended to the Board that the necessary steps be taken to support their application for the increase of personnel.

8. The next meeting to be held at 1415 hours, 20 December 43 in the Conference Room, FLAMBO.

Major J.C. RAMSDEN, (Am)
Joint Secretary

Capt.S.J.B. LOUDEN, (Br)
Joint Secretary

Allied Forces Local Resources (Italian) Board.

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50 A.D.W.,(Stores)

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APPENDIX A.

ENGINEERING MATERIALS SUB-COMMITTEE.

II TIMBER (Continued)

AMG/ACC File.	Date.	Name and Address.	Location.	Reported by.	Description of
P. 18.	Nov 1.	South of Oil Stor.Tanks. Grid Ref. 260501	Naples.	P.B.S.Engrs.	Rough hewn tim 16"x 16" x 24'
P. 16.	Nov 1.	Javarone Corso Garabaldi	Naples.	P.B.S.Engrs.	Beaver board G
P. 16.	Nov 1.	Giuseppe Iaccarino Piazzette Cariati.	Naples.	P.B.S.Engrs.	Plywood supply.
P. 16.	Nov 1.	Silurificio Baia.	Naples.		Rough timber.
P. 18.	Nov 1.	Soc.An Italia import oil Grid ref. 247486.	Naples.		Timbers, assorte
1734/LDW.		Societa Italiana Rueping Via Taddeo da Sessa.	Naples.	D.A.D.W.	Sawmill & Joine Treated timber Treated poles-l Chestnut poles Rly.sleepers-tr 1415 ditto untreated Timbers-treated " untreated Creosote-120 to
1702/DLW.		Paolini/umbria Forest.		D.A.D.W.	Sawmill-normal Present stock-a (see 1702/DDW f
1702/DDW. Folio 2a.		Ing.Filippo Tagariello Viale Vergilio,8	Taranto, Apulia		Carpenters shop Army Tps.
1702/DDW.	Oct 13	So.Fo.Ne.Timber Factory Petilia Policastra.	Calabria.	D.A.D.W.	Timber-"large s Scantlings, vari Rly.sleepers, un 1500 T.Normal c

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GINEERING MATERIALS SUB-COMMITTEE.

	Location.	Reported by.	Description of material.	Quantity on hand.	Monthly production.
anks.	Naples.	F.B.S.Engrs.	Rough hewn timbers.20 pcs. 16"x 16" x 24'long.	24 c.m	
	Naples.	F.B.S.Engrs.	Beaver board Gypsum boerd		
	Naples.	F.B.S.Engrs.	Plywood supply.	not given.	
	Naples.		Rough timber.	not given.	
t oil	Naples.		Timbers, assorted sizes.	not given.	
eping	Naples.	D.A.D.W.	Sawmill & Joinery shops- Treated timber & Ties. Treated poles-103 50 c.m. Chestnut poles 60 30 " Rly. sleepers-treated- 1415 120 " ditto untreated-2770-235 " Timbers-treated 294 45 " " untreated 214 31 " Creosote-120 tons. 511 "	511 c.m.	not stated.
st.		D.A.D.W.	Sawmill-normal cap.5000 cm/year Present stock-approx 8000 cm (see 1702/DIW for details).	8000 cm	420/mo
llo	Taranto, Apulia		Carpenters shop in use by 110 Army Tps.	Not given.	Not given.
tory	Calabria.	D.A.D.W.	Timber-"large stock" 2000 est. Scantlings, various sizes 11,000 cm Rly.sleepers, untreated 200 cm. Cut logs-1000 cm. Charcoal 1500 T. Normal cap.40000 cm/year.	14.200	3.300/mo.

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APPENDIX A.

II TIMBER.

ENGINEERING MATERIALS SUB-COMMITTEE.

AMG/ACC File.	Date.	Name and Address.	Location.	Reported by.	Description of M
P.B.S.E-1 Page 16.	Nov.1	West of Granili Barracks Grid ^238491)	Naples.	P.B.S.Engrs.	Heavy Timbers
P 16	"	San Rocco Caves Cupa Dormingliano, La Parrocchia.	Naples.	P.B.S.Engrs.	1"x 4" & 1"x 6" 8,000 pcs 1
P 16		Fratelli Feltrinelli Via delle Brecce ai Granili.	Naples.	P.B.S.	Heavy Timbers - Lengths: 12 to 30'
P 18					Softwood Timber 5,0
P 16		Fratelli Javarone via Benedetto Cairoli,#99	Naples.	P.B.S.Engrs.	1",2" & 3" board
P 17		Civilian Lumber Yard Grid ✲ (214495)	Naples.	P.B.S.Engrs.	Small Timbers, Pl
P 17	Oct 9	Lumber Yard at Viale Michelangelo,45.	Naples.	P.B.S.Engrs.	Sawed boards, vari Poles, 4" to 8" d
P. 17	Nov 1	Officiana Materiale Granili Magazzino	Naples.	P.B.S.Engrs.	Small timbers, va si
P. 18	"	Molo del Carmine 227488 Grid Ref.	Naples.	P.B.S.Engrs.	Rough Hewn Timber 100 pcs 6x6 x 20 50 pcs 8x8 x 30 Wood Piling 200 p -30' long.

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GINEERING MATERIALS SUB-COMMITTEE.

	Location.	Reported by.	Description of Material.	Quan ity on h nd.	Monthly production.
cks	Naples.	P.B.S.Engrs.	Heavy Timbers	38 c. .	
	Naples.	P.B.S.Engrs.	1"x 4" & 1"x 6" Boards- 8,000 pcs 14' long.	240 c. .	
	Naples.	P.B.S.	Heavy Timbers - 10"x 10" ; 12"x 12" ; 3 x 8 ; Lengths: 12 to 30' 3 x 10 ; 3 x 12 ; 6 x 6 ; 8 x 8 ; Softwood Timber 8"x 12"x 20'long 5,000 pcs.	45,000	
#99	Naples.	P.B.S.Engrs.	1", 2" & 3" boards in all lengths.Not iven.		
	Naples.	P.B.S.Engrs.	Small Timbers, Planks, Boards.	140 .m.	
	Naples.	P.B.S.Engrs.	Sawed boards, various sizes	18 c. .	
			Poles, 4" to 8" diam.	12 c. .	
	Naples.	P.B.S.Engrs.	Small timbers, various sizes.	22 c. .	
	Naples.	P.B.S.Engrs.	Rough Hewn Timbers- 100 pcs 6x6 x 20' 50 pcs 8x8 x 30' Wood Piling 200 pcs.8-16" -30' long.	38 c. .	

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APPENDIX B. (Cont:)

ENGINEERING MATERIALS SUB-COMMITTEE.

III CEMENT. "

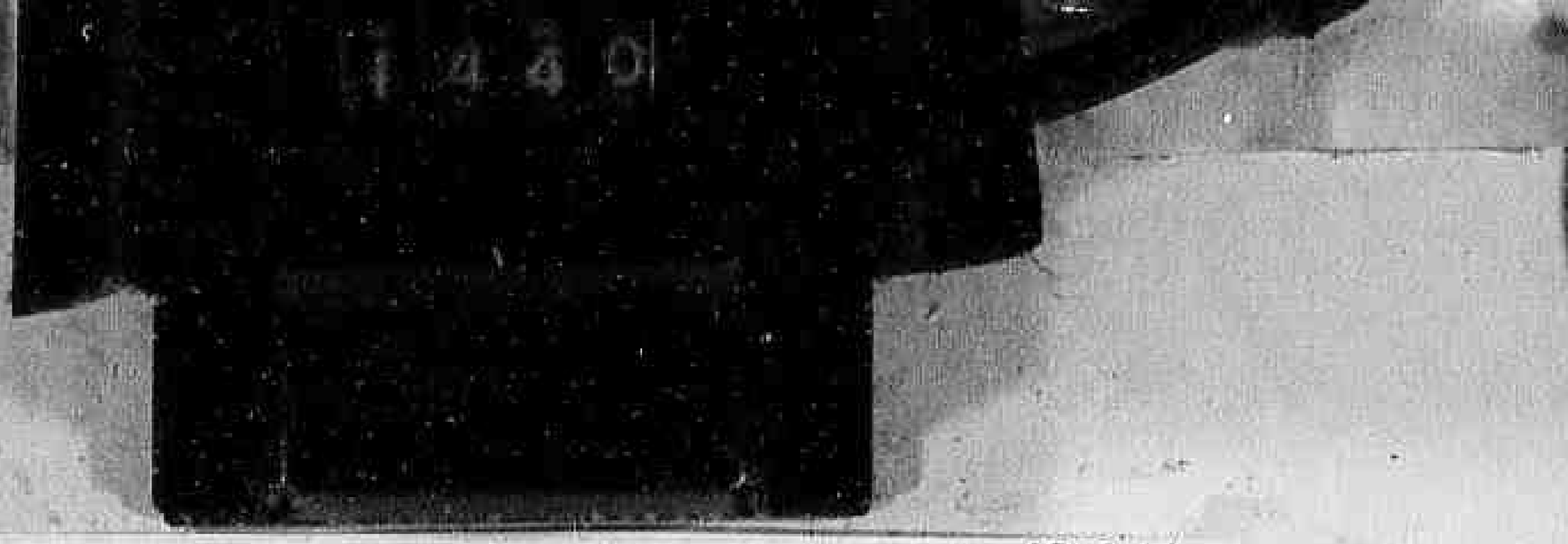
AMG/ACC File.	Date.	Name and Address.	Location.	Reported by.	Description of ma
	Nov 12	S.A.Cementi Ionio	Taranto.	Br.	Operating at pres
DLW/ 1709	Dec 3	S.A.Italcimento.	Modugno.	Br.	Ready to operate
		Cementerie Mendionale S.A.	Barletto.	Br.	Now operating.
			Salerno.	Suggested to FBS Control.	Now ready to oper Nov 29.
AMG.III 8006.	Dec 2	Cementerio Meridinale S.A. Ariana Irpino.	Benevento.	AMG.III.	Repairs to be com Dec 16. No stock cement on hand(60 to grind) Materia to operate..Coal- type. All other able at site. Be Power-300 KW.

Control of plants : East Side — I
West Side — I

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Location.	Reported by.	Description of material.	Quantity on hand.	Monthly production.
Taranto.	Br.	Operating at present.	2,000 T.	1,500 T mon
Modugno.	Br.	Ready to operate 6 Dec.	2,000 T.	5,000 T.
Barletto.	Br.	Now operating.	Not reported.	2,000 T.(normal 4,000T)
Salerno.	Suggested to PBS Control.	Now ready to operate- Nov 29.	400 T.	5,000 T.
Benevento.	AMG.III.	Repairs to be completed by Dec 16. No stock of finished cement on hand(600 Tons ready to grind) Materials required to operate..Coal-550T/mo-Cardiff type. All other materials available at site. Bags-50,000 monthly Power-300 KW.	With required Coal & Power.	2,500 T/ mo.
		Totals	4,472 T.	18,000 T./ mo.

Control of plants : East Side — British.)
West Side — P.B.S.)



Declassified E.O. 12356 Section 3.3/NND No. 785016

APPENDIX A (Cont:)
II TIMBER. "

ENGINEERING MATERIALS SUB-COMMITTEE.

AMG/ACC File.	Date.	Name and Address.	Location.	Reported by.	Descriptio
	Nov 30	La Marca, Vincenzo Via Duoma, 228.	Naples.	P.B.S.Engrs.	2"x 3" & 4 1" boards Plywood
	Dec 5	Provincial Resources.	Foggia province.	Engrs.& Army.	Production standing t
	Dec 5		Camigliadello Area.	I.B.S.	Long leaf knots.Cut Timber of
	Dec 5		Cosenza-Camigliatello San Giovannia Fiore Triangle	I.B.S.	Cut,mille (i
					Gr
					Gy

APPENDIX B.

ENGINEERING MATERIALS SUB-COMMITTEE.

III. CEMENT.

AMG/ACC File.	Date.	Name and Address.	Location.	Reported by.	Descripti
PBS-E1 Page 7	Nov 1.	Misc.stocks-see page 7.	Naples.	P.B.S.Engrs.	Cement -
	Nov.1.	Ilva Steel Works,Bagnoli.	Naples.	P.B.S.Engrs.	Cement(15
F. 8	Nov 1.	Ordnance Depot #1	Naples.	P.B.S.Engrs.	Cement.
Col.Burns Letter-12 Nov.	Nov 12	Ilva Cement Works, Bagnoli.	Naples.	P.B.S.Engrs.	Cement. P & require materials March 19

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ENGINEERING MATERIALS SUB-COMMITTEE.

Location.	Reported by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	P.B.S.Engrs.	2"x 3" & 4"x 6"-500 pcs. 1" boards 2500 lin ft Plywood 750 sheets	est.50cm.	50 cm.
Foggia province.	Engrs.& Army.	Production of beech from standing timber.		5,000 c.m.
Camigliadello Area.	I.B.S.	Long leaf pine, free from knots. Cut & at or near mills.	25,000 cm.	
Cosenza-Camigliatello San Giovannia Fiore Triangle	I.B.S.	Timber of 100 ft length, & reliable Cut, milled & standing timber (includes above).		500,000
		Grand Total	42,342 cm.	
		Gypsum board - 4,000 c.m.		

ENGINEERING MATERIALS SUB-COMMITTEE.

Location.	Reported by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	P.B.S.Engrs.	Cement - approx.490 bags.	22 m.t.	In Dec. -
Naples.	P.B.S.Engrs.	Cement(1500 tons ready for grinding).	Not reported.	
Naples.	P.B.S.Engrs.	Cement.	Not reported.	
Naples.	P.B.S.Engrs.	Cement. Plant is now damaged & requires repairs, as well as materials & fuel. Starting in March 1944.	50 m.t.	2,000T in Dec. (can be increased)

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APPENDIX C.

ENGINEERING MATERIALS SUB-COMMITTEE.

III FLAT GLASS.

AMG/ACC. File.	Date.	Name and Address.	Location.	Reported by.	Description o
P.B.S.-E1 P. 15	Nov 1	Carlo Azzi, Via Guglielmo Sanfelice, 27.	Naples.	P.B.S.Engrs.	Window glass- (check his Sa al
P. 15	Nov 1	S.F.S.M.-Via Traccia Circumvesuviana-San Giovanni.	Naples.	P.B.S.Engrs.	Window glass.
P. 15	Nov 1	Francesco Lettra Via Mergellina,106.	Naples.	P.B.S.Engrs.	Plate glass.
	Nov 29	Engineer's Warehouse 390 Casso Garbaldi	Naples.	P.B.S.Engrs.	
Reg.III 8010.	Dec 1	Vetreria Meccanica Ricciardi & Co.Soc An.Vietri sul Mare	Salerno.	DDW. 50% PBS. 50%	Window glass- Frozen by AMG Balance on ha Monthly req:c Coal - Calcium Carb- Soda Solway - Sodium Sulpha Sand - Dolomite - (See AMG repo

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ENGINEERING MATERIALS SUB-COMMITTEE.

Location.	Reported by.	Description of material.	Quantity on hand.	Monthly production.
Naples.	P.B.S.Engrs.	Window glass-various sizes. (check his Salerno stocks also)	-	
Naples.	P.B.S.Engrs.	Window glass.		
Naples.	P.B.S.Engrs.	Plate glass.		
Naples.	P.B.S.Engrs.			
Salerno.	DDW. 50% PBS. 50%	Window glass- Frozen by AMG for DDW -20,000 s.m. Balance on hand all frozen by Mil. -10,000 s.m.	30,000 s.m.	
		Monthly req:of materials: Coal - 700 T. Calcium Carb- 70 T. Soda Solway - 150 T. Sodium Sulphate 25T. Sand - 700 T. Dolomite - 70 T. (See AMG report #8010.	If provided.	100,000 s.m.
		Totals	30,000 s.m.	100,000 s.m.

Declassified E.O. 12356 Section 3.3/NND No. 785016

APPENDIX D.
VII INDUSTRIAL GAS.

ENGINEERING MATERIALS SUB-COMMITTEE.

ANG/ACC. File.	Date.	Name and address.	Location.	Reported by.	Description of
Crd(Br) DUOS.	Nov 14	Societa Ossigeno Napoli Via Gallilee Ferraris,144	Naples.	P.B.S.Engrs.	Plant now operating ment is planned by mobile generating
	Nov 25	Apice Via Vico Lavatoria-Alpa Sc.	Naples	P.B.S.Engrs.	Plant started Nov 2
	Nov 25	Bom Brini Via Vico Lavatoria-Alpa Sc.	Naples.	P.B.S.Engrs.	Due to start Dec 3.
		Soc.Prod.Acetylene Discotto,Via Gallileo Ferraris,144.	Naples.	P.B.S.Engrs.	Not operating. Capa bot./day.
		Caraglio ILUA	Bagnoli.	P.B.S.Engrs. Air Corps.	Due to start Dec 1 completed.
	Nov 25	Applicazione Soldatura Autogeni	Castellemare	10 Corps RE.	Now operating.Old auxiliary elect.po
	Nov 25	Avis Caproni Works	Castellemare	570 Corps) Fd.Pk.Coy)RE	Now operating.Plan order.Prod.can pro
	Nov 25	Railway Works	Castellemare	RE	Not operating.Rein Det.570 Corps.Fd.P 1,500 bot.Acet./mo
		Soc Italiano Ossigeno ed Altri Gas	Bari	USAC	Plant not operati Acet.1500.U.S.Air this plant.
		Soc.Prod.Ossigeno ed Ogono	Tarento.	)	Not operating.
		Sciantatico	Giovannazzo.	)	" "
Fatima 12a.			Apulia.		Total output of pr 13,000 cu.m.assig
ACC-Ap. Dec 3.		Sciantatico Firm.	Bari.		Total output assig

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Location.	Reported by.	Description of material.	Monthly capacity. 100 cu.ft. bottles. OXYGEN.	220 cu.ft. bottles. ACETYLENE.	100 cu.ft. bottles. HYDROGEN.
Naples.	P.B.S.Engrs.	Plant now operating. Further enlargement is planned by Engrs. Plant has mobile generating set.	12,000 bot/mo.	16,000 bot/mo. (has cap. for nitrogen production.	-
Ia-Naples	P.B.S.Engrs.	Plant started Nov 23.	1,200 bot./mo.	-	-
Naples.	P.B.S.Engrs.	Due to start Dec 3.	900 bot./mo.	-	1,600 bot/mo.
Naples.	P.B.S.Engrs.	Not operating. Capacity for acet. 100 bot./day.	-	-	-
Bagnoli.	P.B.S.Engrs. Air Corps.	Due to start Dec 1 if repairs are completed.	3,000 bott/mo.	-	-
Castellemare	10 Corps RE.	Now operating. Old equip: with no auxiliary elect. power.	4,000 bott/mo.	-	-
Castellemare	570 Corps) Fd.Pk.Coy) RE	Now operating. Plant in good working order. Prod. can probably be incr. to 4000 bot/mo.	-	1,800 bot/mo.	-
Castellemare	RE	Not operating. Being re-equipped by Det. 570 Corps. Fd. Pk. Coy RE. Est. Cap. 1,800 bot. Acet./mo.	-	-	-
Bari	USAC	Plant not operating - cap. Oxy. 3000, Acet. 1800. U.S. Air Force bidding for this plant.	4,500	800	-
Tarento.)		Not operating.	7,500	1,100	-
Giovannazzo.)		" "			
Apulia.		Total output of province, of which 13,000 cu.m. assigned to Army.	6,500 bott.	-	-
Bari.		Total output assigned to military.	1,080bott.		
		Totals	41,100 /mo	5,300 /mo.	1,600 /mo.

Copy No 8

ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

Ref: F/2/LR

Date: 3 Dec. 43.

A Meeting of the Engineering Materials Committee will be held in the Conference Room, this H.Q. on Monday, 6th Dec. 43 at 1030 hrs to consider the following Agenda:-

1. Minutes of the Previous Meeting.

2. Matters arising out of the Meeting of the Board held on 29th Nov. 43.

3. To receive a report from AMC/ACC regarding availability of Timber, Cement, Glass, and Industrial Gases.

4. To decide on a list of next priority articles.

5. To propose a list of articles to be controlled.

6. To receive estimates of requirements and to recommend allotments.

7. To consider the machinery by which these allotments shall be effected.

Vice-Chairman (Am) Vice-Chairman (Br).
A.F.L.R.(I).B.

In the field.

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2 Vice-Chairman (Am)
3 Vice-Chairman (Br)

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6. To receive estimates of requirements and to recommend allotments.

7. To consider the machinery by which these allotments shall be effected.

Vice-Chairman (Am) Vice-Chairman (Br).
A.F.L.R.(I).B.

In the field.

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6/7 Flag Officer, Western Italy
8/10 HGS (Adv)
11/12 NAAF through LO XII ATSC
13 DGTR
14 Tn (Br)
15 Ord (Br)
16/17 HQ ANG, 15 Army Group, NAPLES
18/19 HQ ACC, ERDINSI
20 HQ AFLRS, AFHQ
21/30 Local Resources Section
31 File
32/45 Spare

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Copy to Capt Austin Col Rider /Hc

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OR

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FOOT

LRNY V LRAR NR9144 QVR2

FROM A M G EIGHTH ARMY GR97

TO FILPOT FOR A M G RPTD FLAMBO FOR MGS ADV CIVIL

SUPPLY

ON/158 3 Dec

YOUR FA353 DEC11 ENGINEERING MATERIALS C A M P O BASSO

AND

FOGGIA. ENQUIRIES SO FAR DISCLOSE NO RPTD NO QUANTITIES GLASS CEMENT

INDUSTRIAL GASES IN CIVIL HANDS. WILL REPORT IF ANY TRACED. TRACED

TWO TIMBER SUBSTANTIAL QUANTITIES PRINCIPALLY BEECH

EXIST IN GARGANO RPT GARGANO

PENINSULA FOGGIA PROVINCE.

PREWAR BELIEVE OUPUT 5000 RPTD FIVE THOUSAND

METRES CUBIC. THESE SOURCES

NOW BEING EXPLOITED BY ENGINEERS 8 ARMY WHO

HAVE FULL DETAILS. NO RPTD NO INFORMATION ON YET

TIMBER RESOURCES CAMPOBASSO

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ALLIED FORCE LOCAL RESOURCES (ITALIAN) BOARD.

Ref: F/1/LR.

Date: 2 Dec. 43.

ENGINEERING MATERIALS COMMITTEE.

1. At a Meeting of the Board held on 29 Nov. 43 it was resolved to re-designate the Engineering Materials Sub-Committee as a Committee.

2. The Membership of the Board now consists of reps of those H.Q. and appointments shown with following distribution list, Serials 6/15 inclusive.

3. Except with the permission of the Chairman, one rep only may attend in respect of each Member.

Vice-Chairman (Am) Vice-Chairman (Br).
A.F.L.R.(I) B.

Serial. Distribution List:-

1. D/CAO.
2. Vice-Chairman (Am).
3. Vice-Chairman (Br).
4. DD/CAO
5. DQMG
6. Col. D.L. Anderson, D.D.W.
7. RN (through FOWT)
8. Engineer, PBS
9. C.E., No. 2 District
10. DGMR (to include Tn(Br).
11. Ord (Br).
12. MAAF (through LO XII AFSC)
13. MGS(Adv)
14/15. AMG/ACC (2 reps)

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Vice-Chairman (Am) Vice-Chairman (Br).
A.F.L.R.(I) B.

Serial. Distribution List:-

1. D/CAO.
2. Vice-Chairman (Am).
3. Vice-Chairman (Br).
4. DD/CAO
5. DQMG
6. Col. D.L. Anderson, [redacted].
7. RN (through FOWIT)
8. Engineer, PBS
9. C.E., No. 2 District
10. DGMR (to include Tn(Br).
11. Ord (Br).
12. MAAF (through LO XII AFSC)
13. MGS(Adv)
14/15. AMG/ACC (2 reps)
16. Q 1
17. Q 2
18. G 4
19. HQ AFLRS AFHQ
20/30. LR Sec

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MGS Adv.

MINUTES OF 1ST MEETING OF THE ENGINEERING MATERIALS SUB-COMMITTEE OF THE LOCAL RESOURCES (ITALIAN) BOARD HELD ON MONDAY 22 NOV 43 AT 1030 HOURS.

Copy No. 13.

1. PRESENT.

Colonel Anderson	:	D.D.W. - in the Chair.
Lt. Col. Prescott	:	Vice-Chairman, Local Resources Board (Br)
Lt. Col. Gibbon	:	Vice-Chairman, Local Resources Board (Am)
Representatives of	:	M.G.S., A.M.G. and A.C.C.
		P.B.S.
		D.D.W., British.
		D.G.M.R.
		D.D.In.
		D.D.C.S.
		Various Sections of the A.C.C., including the Industry and Commerce and Coal Sections.

A total of about 60 Representatives.

---

2. It was stated by the Chairman that in the future Sub-Committee meetings must be as small as possible, and should only include representatives of the Services and Branches which the Local Resources Board said should be included.

3. The Chairman said that the functions of the Committee as he understood them were to receive from the Control Commission or A.M.G. details of the Country's resources in various materials for which there was a military need and to make recommendations to the Local Resources Board as to their apportionment. This was agreed.

4. It was suggested by the Chairman and agreed that engineering materials with which the Committee might have to deal could best be considered if grouped into seven groups, these being (i) Metals, (ii) Timber, (iii) Other Building Materials, (iv) Machinery and Plant, (v) Electrical Materials, (vi) The products of Public Utility Undertakings, and (vii) Industrial Gases.

5. After discussion these seven groups and the principal items which should compose them were agreed as follows:-

(i) Metals.

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2. It was stated by the Chairman that all the Middle East Committees meetings must be as small as possible, and should only include representatives of the Services and Branches which the Local Resources Board said should be included.

3. The Chairman said that the functions of the Committee as he understood them were to receive from the Control Commission or A.M.G. details of the Country's resources in various materials for which there was a military need and to make recommendations to the Local Resources Board as to their apportionment. This was agreed.

4. It was suggested by the Chairman and agreed that engineering materials with which the Committee might have to deal could best be considered if grouped into seven groups, these being (i) Metals, (ii) Timber, (iii) Other Building Materials, (iv) Machinery and Plant, (v) Electrical Materials, (vi) The products of Public Utility Undertakings, and (vii) Industrial Gases.

5. After discussion these seven groups and the principal items which should compose them were agreed as follows:-

(i) Metals.

(a) Ferrous — Steel of all kinds, Structural Steel, Machine & Tool Steel, Piping, Steel Plates, Rails, Heating Stoves, Tubular Scaffolding, Steel Cable, Bolts & Nuts, Screws & Nails, Ironmongery.

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(b) Non-ferrous. White Metal for Bearings, Lead in all forms, Copper, Aluminium, Solder and Zinc.

(ii) Timber.

(a) Existing Stocks by types - Beech, Oak, Pine, Charcoal, Cork, Plywood and Railway Sleepers. Scantlings and lengths would be required.

(b) Monthly production under the same headings.

/over.

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(iii) Other Building Materials.

Cement,	Raw Asbestos,
Lime,	Asbestos Cement Products,
Gypsum,	Stone,
Bricks,	Sand,
Tiles,	Gravel,
Water Heaters,	Paint,
Glass,	Varnish,
Oils,	Pigments for Paints.

(iv) Machinery and Plant.

Concrete Mixers,	Acetylene Welding & Cutting Tools,
Road Rollers,	Pile Drivers (Portable),
Tractors,	Lathes,
Earth Moving Appliances,	Drilling Machines,
Air Compressors,	Workshop Machinery (Metal & Wood),
Cranes (Mobile),	Belting,
Light Tools, Saws, Hammers etc.	Pulleys & Shafting,
Stone Crushers,	Pumps.

(v) Electrical Materials.

Copper & Aluminium Conductors,	E.L. Bulbs,
Portable Generators,	E.L.Fittings,
Wires & Cables,	Batteries,
Transformers,	Transformer Oil,
Jointing Composition,	Accumulators,
Insulators,	Sulphuric Acid,
Switch Gear,	Refrigerators for Hospitals,
Motors.	

(vi) Public Utility Undertakings.

Electricity Supply,
Gas.

(vii) Industrial Gases.

Acetylene,	Hydrogen,

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Tractors,
Earth Moving Appliances,
Air Compressors,
Cranes (Mobile),
Light Tools, Saws, Hammers etc.
Stone Crushers,
Lathes,
Drilling Machines,
Workshop Machinery (Metal & Wood),
Belting,
Pulleys & Shafting,
Pumps.

(v) Electrical Materials.

Copper & Aluminium Conductors,
Portable Generators,
Wires & Cables,
Transformers,
Jointing Composition,
Insulators,
Switch Gear,
Motors.
E.L. Bulbs,
E.L.Fittings,
Batteries,
Transformer Oil,
Accumulators,
Sulphuric Acid,
Refrigerators for Hospitals,

(vi) Public Utility Undertakings.

Electricity Supply,
Gas.

(vii) Industrial Gases.

Acetylene,
Oxygen,
Chlorine,
Bottles & Containers.
Hydrogen,
Ammonia,
Carbon Dioxide,

6. The A.C.C. and A.M.G. representatives said that the grouping of materials under seven heads gave them a basis for a report to the Committee as to the Country's resources, but the work involved was considerable and would take at least a month to complete. It was agreed that the A.C.C. and A.M.G. should have access to any information as to resources which the Armies and Armed Forces possessed. The Chairman said that certain items were in short supply and in urgent need. After discussion it was agreed that A.C.C. and A.M.G. would prepare interim report on availability of Timber, Cement, Glass and Industrial Gases. It was resolved that the Committee should meet to consider this interim report and to prepare its recommendations to the Local Resources Board on the 6th December at 10.30 a.m.

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7. Until such time as the Control Commission was in a position to take over factories at present under military control, it was agreed that control should remain as at present.

/over.

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8. It was proposed by Lt. Col. Prescott that the members who were originally convened to attend the Sub-Committee meeting by the Local Resources Board at their meeting held on 10th November should discuss together their recommendations to the Board. The following then met:-

Col. D.L. Anderson	-	D.D.W. Flambo.
Lt. Col. J.L. Prescott	-	Vice-Chairman, Local Resources Board.
Lt. Col. R. Gibbon	-	Vice-Chairman, Local Resources Board.
Col. Burns, C.E.	-	Engineer, P.B.S.
Comdr. G.V. Burns	-	Royal Navy.
Major Todd	-	M.C.S.

9. It was agreed to recommend to the Local Resources Board that Col. D.L. Anderson, D.D.W. Flambo, should be Chairman of the Engineering Materials Sub-Committee and that the following should be represented:-

Peninsular Base Section,
Mediterranean Air Command,
No. 2 District,
Royal Navy,
Director General, Military Railways,
Ordnance Services (British),
M.G.S., A.C.C., and A.M.G. (3 Representatives).

The members of the Committee should on no account exceed ten.

.....Lt.Col,
Vice Chairman (Am.).

.....Lt.Col,
Vice Chairman (Br.).
Allied Force Local Resources (Italian) Board.

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Peninsular Base Section,
Mediterranean Air Command,
No. 2 District,
Royal Navy,
Director General, Military Railways,
Ordnance Services (British),
M.G.S., A.C.C., and A.H.Q. (3 Representatives).

The members of the Committee should on no account exceed ten.

.....Lt.Col,
Vice Chairman (Am.).

.....Lt.Col,
Vice Chairman (Br.).

Allied Force Local Resources (Italian) Board.

Distribution:
1. Chairman, Local Resources Board.
2. Vice-Chairman (Am.).
3. Vice-Chairman (Br.).
4/9. D. D. W.
10. C.E., No. 2.District.
11. C.E., P.B.S.
12. Comdr. G.V. Burns, R.N.V.R.
13. M.G.S. (Adv.).
14. D.G.M.R.
15. D.D. Tn. (Br.).
16. Ordnance (Br.).
17. D.D./C.A.O.
18. Q 1.
19. Q 2.
20. G.P.A., P.B.S.
21/34. Local Resources Section.
35. File.

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AMG 15 AG 2
AMG HQ 2
MGS AFHQ 1

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AFHQ LOCAL RESOURCES (ITALIAN) BOARD

Meeting of Engineering Materials Sub-Committee

Held at FLAUBO on 22 November 1943

AGENDA

1. To investigate total service requirements.

2. To investigate availability.

3. To make recommendations for allocation to service.

4. To make recommendations as to best method for obtaining materials.

NOTE: In accordance with the terms of the Armistice, it is the responsibility of the Italian Government to make available stores required by the Allies. This question is being discussed at Algiers.

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MGS

SECRET

59/2/Q

22 Nov 43

AFHQ LOCAL RESOURCES (ITALIAN) BOARD

Further to FLAMBO 59/2/Q dated 12 Nov 43, Chairmen have now been nominated for sub-committees as follows:-

Forage Sub-Committee - DQMG FLAMBO, Brig R.M.J. GOLDIE, O.E.

Wages Sub-Committee - Lt-Col D.H. DAVEY, (G-4 Section)

Engineering Materials Sub-Committee - Col. D.L. ANDERSON, (EMW FLAMBO)

Major General
Deputy Chief Administrative Officer
AFHQ Adv Adm Echelon

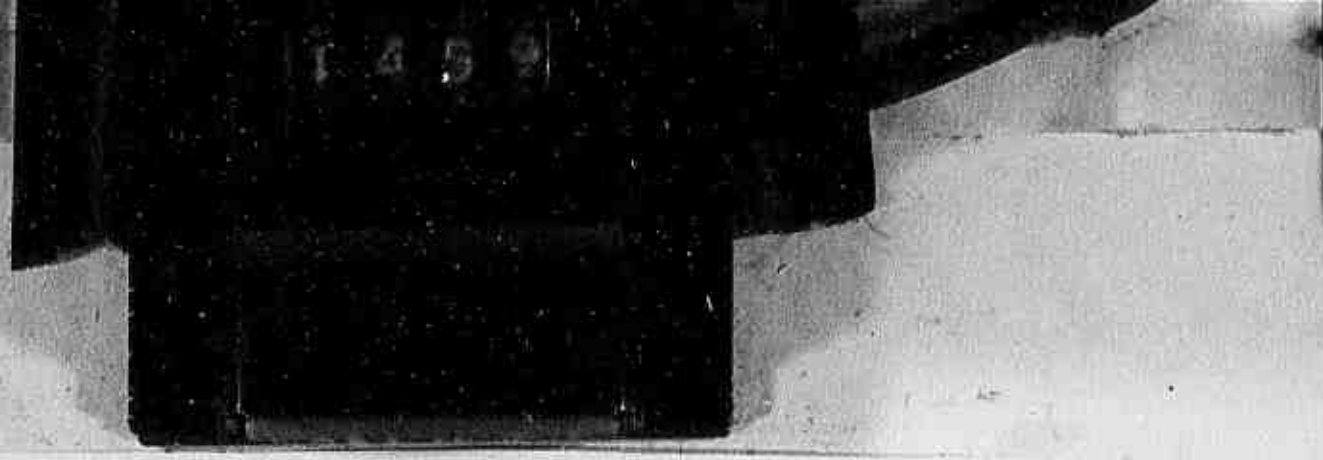
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HQ Fifth Army (5)
HQ Eighth Army (5)
OS, PBS
GOC, No.2 District
DQMG, Flambo
LO, 12 AFSC (4)
Major Todd (6)
AMG, 15 Army Group
Secretariat Local Resources (Italian) (10)
List "A"
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Subject:- Local Resources Board - Engineering Materials Sub Committee.

HQ.
No 2 District. DEW.
C.G. P.D.S. H.G.Sec.

AFHQ Adv Adm Echelon,
C.M.F.
59/6/Q.
12 Nov, 43.

1. Reference this HQs 59/2/Q dated 12 Nov, 43.

2. The Engineering Materials Sub Committee as constituted in para.3 of the above quoted letter will meet at this HQ on 22 Nov, 43, at 10.30 hrs in the Conference Room.

for Major General,
Deputy Chief Administrative Officer.

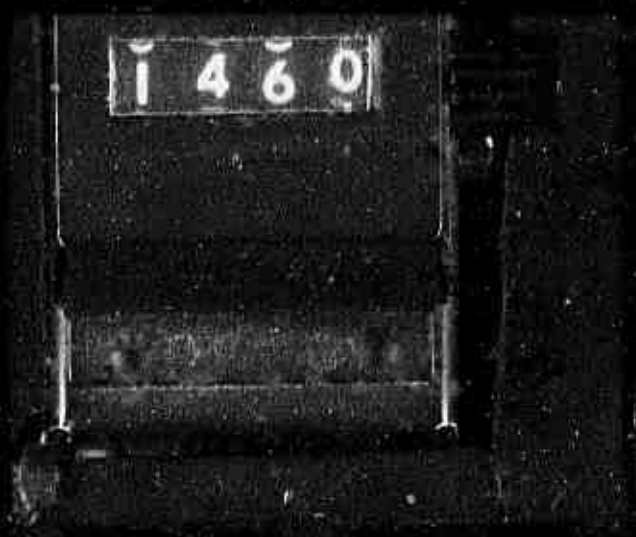
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Copies to : DCAO DQMG . G1.

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