ACC 312/PWU

10000/150/649
(VOL. I)

SOCIETA
DELLA
MAY 19

10000/150/649
(VOL. I)

SOCIETA' GENERALE ELETTRICA
DELLA SICILIA
MAY 1944

Econ Sec (P.W. & U)

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

CPB/mm

I

30 May 1944

9585

In reply
refer to: RTC 412.42

Subject: Materials List S.G.E.S. Company
Sicily 1 Jan. 1945 to 1 July 1945.

To : Public Works and Utilities Sub - Commission.

1. Report called for in letter ACC/094/PWU is attached. Daily contacts have been made with S.G.E.S. Engineers to complete their requirements. A part of this list was submitted on Friday 26 May 1944, and the remainder in another list submitted 29 May 1944, at 3:30 p. m.

2. We have gone over the first list and have attempted to clarify numerous items, however the report was not received in sufficient time to give it the proper consideration.

3. In order for this report to reach your headquarters by June 1 there will be no time available to go over the second list with S.G.E.S. Engineers and it will be sent as received. A copy will be retained and an attempt made to clarify some of the items that may appear questionable. The corrected list will be mailed as soon as it can be completed.

4. The report is leaving our headquarters 30 May 1944 and should reach your office by 1 June 1944 as requested.

5. The materials for Public Works has not yet been received from the civilian Engineers and it was necessary for Major Boyd to submit a list based on his personal knowledge of the requirements. This was mailed 25 May 1944 and should have reached your office by this date.

C.P. Bolick.
C.P. BOLICK
Lt. Col., F.A.
Regional Engineering
Officer.

1. Incl.
Incl. 1 - Report.

3759

1 Jun
62

List No. 2
Transmission

Palermo, May 20th 1944.

SOCIETA' GENERALE ELETTRICA DELLA SICILIA

List of materials needed for six months.
(Transmission lines, sub-stations and distributing centres).-

1°) Various Insulators:

Bus ~~Suspension~~ ~~Supporting~~ Insulators for 25 KV	No.	1.000
Pin type Insulators for 25 KV	"	2.000
" " " " 10 KV	"	3.000
~~Supporting~~ Suspension Insulators (N. W 635 catalogue Westinghouse 1928-(1930)	"	4.000
Double roker Insulators (enclosed drawing No.11601)	"	25.000
Wall Bushing Insulators for 70 KV (Ohio Brass Co.)	"	6
Floor tubes " " " " " "	"	6
Wall Bushing Insulators for 20 KV " " "	"	20
Floor tubes for 20 KV " " "	"	20
Terminal Bushing for circuit-breakers for 70 KV (in door)	"	6
" " " " " " " " (out door)	"	6
Terminal Bushing for circuit-breaker for 20 KV (in door)	"	24

2°) Insulating Materials:

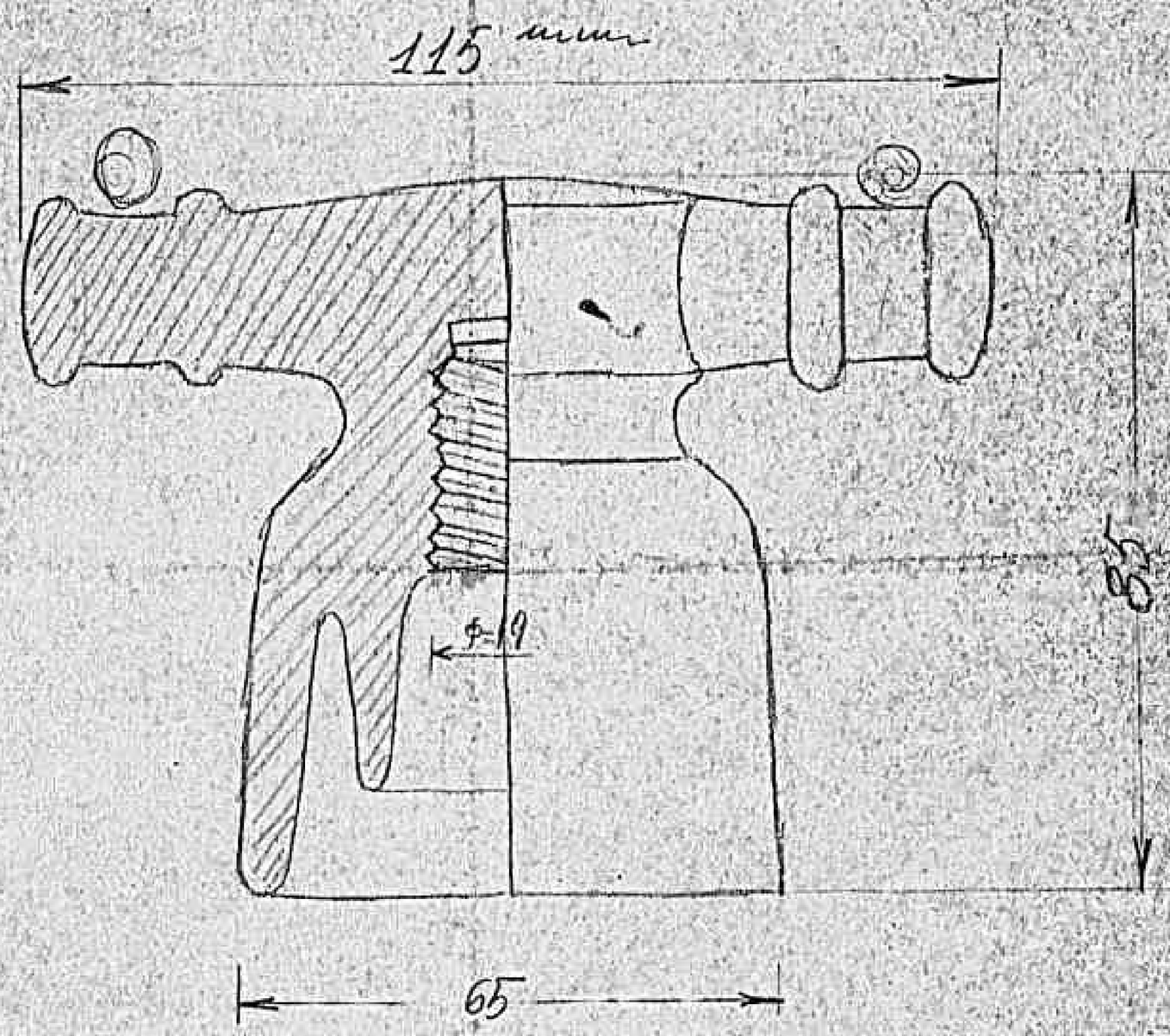
Cotton tape for coil windings breadth 15 m/m	Meter ~~ml.~~	6.000
" " " " " " 20 "	"	5.000
" " " " " " 30 "	"	5.000
Varnish cambric tape breadth 20 m/m thickness 0,28 m/m	"	50
Idem breadth 30 m/m	"	50
Bakelite sheets:		
breadth m.1 height m.1,5 thickness 2 m/m	"	5
idem " 3 m/m	"	20
" " 5 m/m	"	20
" " 8 m/m	"	20
" " 10 m/m	"	5
" " 15 m/m	"	5
Press ~~spahr~~ Fuller board sheets m1 x 1 thickness 0,5 m/m	Kg.	30

3758

SOC. AN.
MICA
ACQUI

Isolatore 3T3 - 2 braccia

10



37

Disegno N 11601

MATERIALI

Fuller Board Press ~~spahn~~ sheets m.1 x 1 thickness	1 m/m	Kg.	30
Idem "	1,5 m/m	"	30
Idem "	2 m/m	"	30
Mica sheet		"	5
Insulating varnish, for winding		"	50
Friction tape		"	250
Transformer Oil		"	25.000
Insulating compound for splice box for 20 KV cables		"	10.000

3°) Wirings:

Insulated copper wire for 600 V. W. P.			
Idem	diameter 16/10 m/m	Ml.	50.000
Idem	" 20/10 m/m	"	50.000
Idem	" 30/10 m/m	"	50.000
Stranded insulated copper conductor for 600 V. W. P.			
Idem 10 mm². sectional area		"	5.000
Idem 20 " " "		"	5.000
Idem 35 " " "		"	3.000
Idem 50 " " "		"	2.000
Three phase lead covered and armoured cable for 10 KV.:			
Sectional area of copper strand	3 x 50 m/m²	"	5.000
Idem	3 x 100 "	"	5.000
Idem for 2 KV/			
Sectional area of copper strand	3+1/2 cond. x 50 m/m²	"	3.000
Idem	3+1/2 cond. x100 "	"	1.000
Flat copper wire 20 x 5 m/m		Kg.	500
Idem 30 x 5 "		"	500
Idem 40 x 5 "		"	1.000
Idem 40 x 10 "		"	1.000
Insulated copper wire with double spiral cotton covering - diameter	7,5/10 m/m	"	60
Idem "	8/10 "	"	60
Idem "	9/10 "	"	150
Idem "	10/10 "	"	60

Insulated copper wire with double spiral cotton covering - diameter		12/10 m/m	Kg.	60
Idem	"	14/10 "	"	120
Idem	"	16/10 "	"	120
Idem	"	18/10 "	"	100
Idem	"	20/10 "	"	120
Idem	"	22/10 "	"	60
Idem	"	25/10 "	"	60
Idem	"	28/10 "	"	60
Idem	"	30/10 "	"	60
Flat copper wire with double spiral cotton covering				
		dimensions 1,2 x 4 m/m	"	150
	"	1,7 x 6 "	"	150

4°) Batteries for Auto:

~~Storage~~ Storage battery type Ironclad 95 Amperhours 88 Volta (19A x 5 hours) composed with 44 cells in ebonite box as following dimensions: external m/m 157 x 73 - height 325		8
Storage lead battery 250 Amperhours - 88 Volta composed with 44 cells in ebonite box as following dimensions: external m/m 80 x 195 & height 384	"	2
Batteries 50 Amper-hours 12 Volta in ebonite box as following dimensions: external m/m 170 x 310 - height 170	"	20
Idem 6 Volta	"	8
Batteries for trucks 65 Amper-hours 12 Volta	"	2
Idem 6 Volta	"	2

5°) Various materials:

3755

Puretin	Kg.	150
Rust proof warnish Red oxide (to be used with point brush)	"	1.250
~~Warnish~~ Paint for metals:		
black	"	100
grey	"	100

MATERIALS FOR AUTO AND TRUK

Tyre with tube, dimensions	6",00 x 18"	No.	12
Idem	" 6",00 x 17"	"	6
Idem	" 5",50 x 15"	"	30
Idem	" 5",00 x 15"	"	50
Idem	" 4",00 x 15"	"	15
Idem	" 6",00 x 16"	"	40

V.E.M.B.I.
(Vendita Esclusiva Macchine Burroughs Italia)
Soc. An. Milano
Via Cimabue, 19

RIBBONS FOR BURROUGHS ADDING MACHINES

Simbol 2-591 Black record
style 9 quantity No. 12
" 11 " " 36
" 13 " " 60
" 17 " " 30
Purple Record copy
" 9 quantity No. 12
" 11 " " 20
Simbol 2-594 1/2 A type 20 Machine quantity No. 12 Black record

Parts for Burroughs Adding Machines

Simbol	quantity
4130 Z Holtzer Cabot	No. 12
LA - 12026	" 6
I - 71901	" 4
I - 71902	" 4
I - 75152 No.1	" 2
I - 75152 " 2	" 2

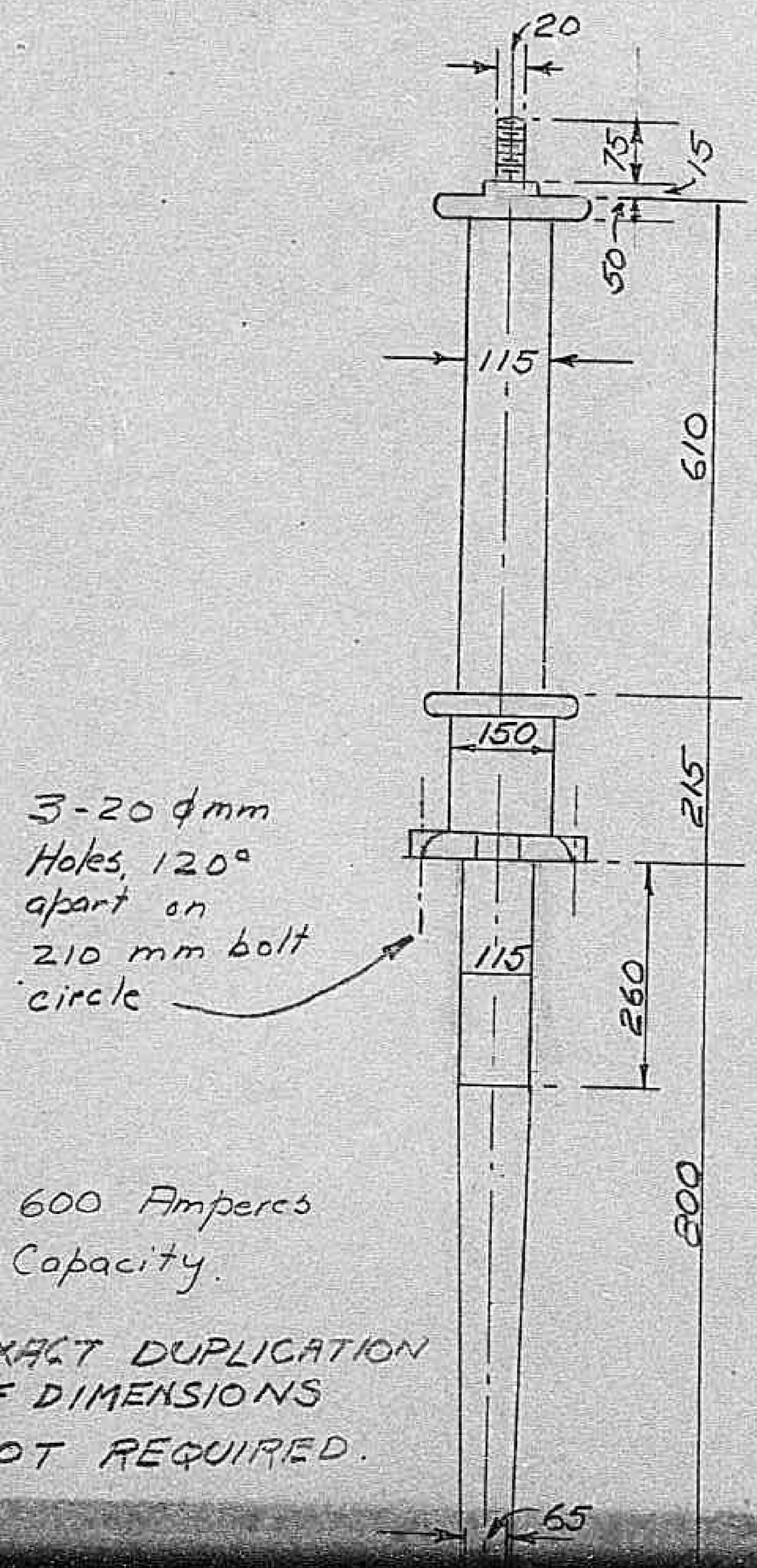
If You wish supply bulbs for the civilians you may send in Sicily:

Edison base bulbs 150 Volts

W 25	n°	500.000
W 40	"	400.000
W 60	"	100.000
W 100	"	10.000
Edison base sockets	"	200.000

If You like the S.G.E.S. can provide to the distributions by own supply depots.

?

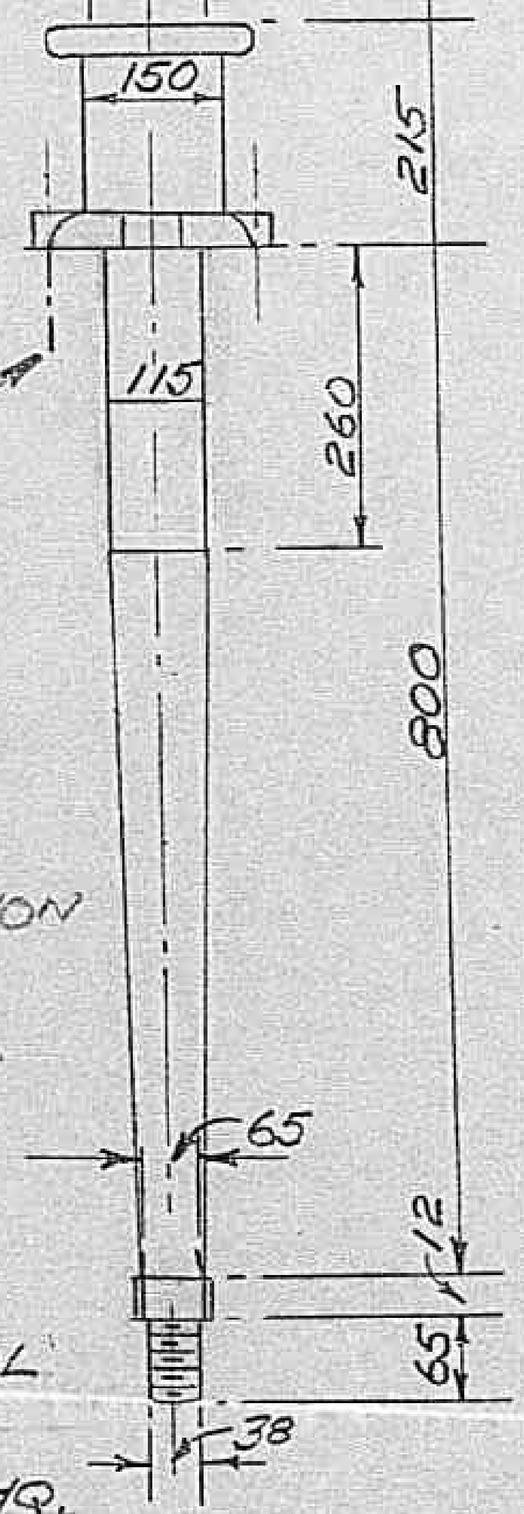


3-20 ϕ mm
Holes, 120°
apart on
210 mm bolt
circle

600 Amperes
Capacity.

EXACT DUPLICATION
OF DIMENSIONS
NOT REQUIRED.

3751



3-20 ϕ mm
Holes, 120°
apart on
210 mm bolt
circle

3751

600 Amperes
Capacity.

EXACT DUPLICATION
OF DIMENSIONS
NOT REQUIRED.

ALLIED CONTROL
COMMISSION

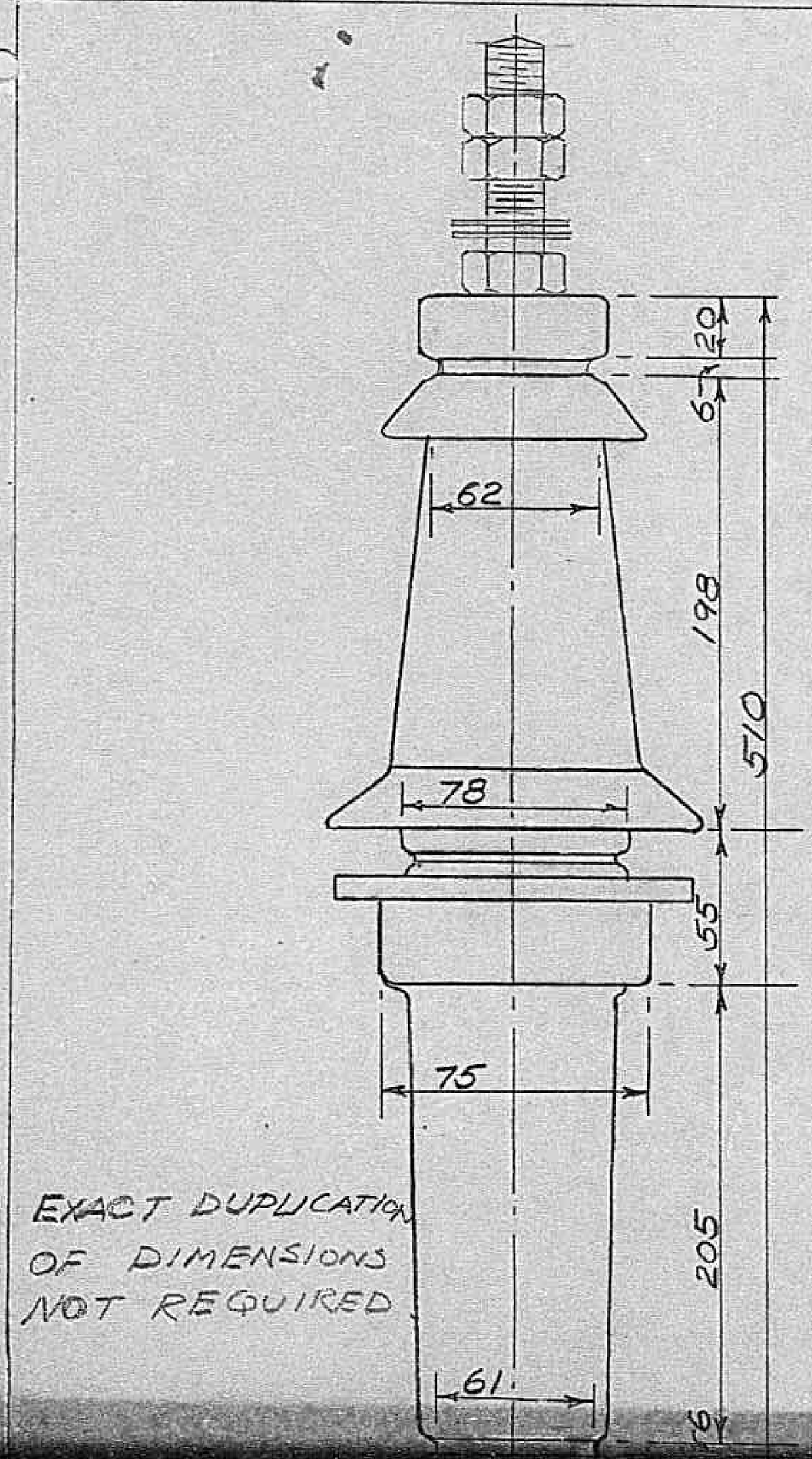
SICILY REGION HQ.

SOCIETA GENERALE
ELETTRICA DELLA
SICILIA

70 KV INDOOR CIRCUIT
BREAKER BUSHING

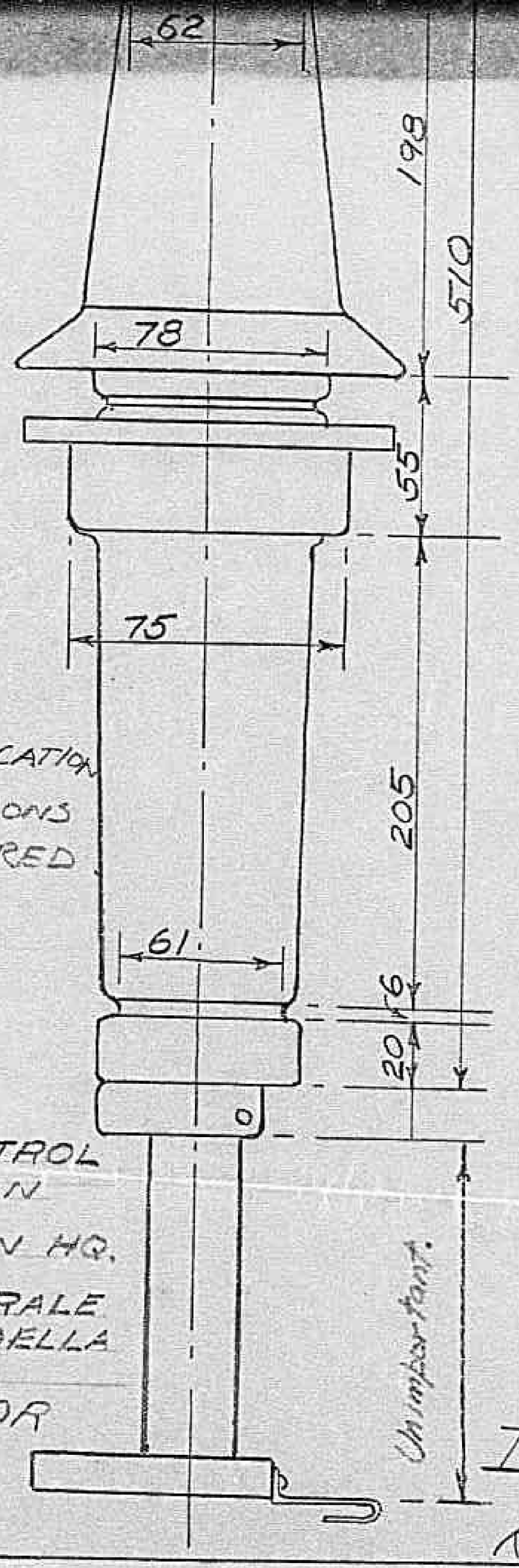
I-11

P 20/6/44.



EXACT DUPLICATION
OF DIMENSIONS
NOT REQUIRED

3759



EXACT DUPLICATION
OF DIMENSIONS
NOT REQUIRED

ALLIED CONTROL
COMMISSION

SICILY REGION HQ.

SOCIETA GENERALE
ELETTRICA DELLA
SICILIA

20 KV. INDOOR
CIRCUIT
BREAKER
BUSHING

I-10

R 20/6/44

SOCIETA GENERALE ELETTRICA DELLA SICILIA
ELECTRICAL SUPPLIES

Item Number	Item	~~Remarks~~	Unit	Total req.	Station Requirements Catania	Palermo	Por Empe
E - 1	Brushes, electrical	As per brush list, ~~previously sent to Hq. P.C.C.~~ attached		15230			
	Bulbs, medium base, clear, 150 volt:		each				
E - 2	40 watt			500	125	125	1
E - 3	60 watt			500	125	125	1
E - 4	100 watt			200	50	50	
E - 5	300 watt			100	25	25	
E - 6	Sockets, lamp Porcelain, for medium base bulbs		each	500	125	125	
E - 7	Mica, sheet		lbs	30	10	10	
E - 8	Tape, cloth 1 in. wide.		Feet	20,000	6,000	6,000	6
E - 9	Tape, cloth 1 3/16in. wide.		Feet	20,000	6,000	6,000	6

SOCIETA GENERALE ELETTRICA DELLA SICILIA
ELECTRICAL SUPPLIES

Item	~~Remarks~~	Unit	Total req.	Station Requirements Catania	Palermo	Porto Empedocle	Hydr.
Brushes, electrical	As per brush list, ~~previously sent to Hq. P.C.C.~~ attached		15230				
Bulbs, medium base, clear, 150 volt:		each					
40 watt			500	125	125	125	125
60 watt			500	125	125	125	125
100 watt			200	50	50	50	50
300 watt			100	25	25	25	25
Sockets, lamp porcelain, for medium base bulbs		each	500 ~~1000~~	125 ~~250~~	125 ~~250~~	125 ~~250~~	125 ~~250~~
Mica, sheet		lbs	30	10	10	10	--
Tape, cloth 1 in. wide.		Feet	20,000	6,000	6,000	6,000	2,000
Tape, cloth 1 3/16in. wide.		Feet	20,000	6,000	6,000	6,000	2,000

ELECTRICAL SUPPLIES

6

Item Number	Item	Remarks	Unit	Total req.	Station Requirement Catania	Palermo
E - 10	Tape, Friction 3/4in. wide. Tape, varnished cambric.		lbs	300 ~~400~~	75 ~~100~~	75 ~~100~~
E - 11	3/4 in. wide		lbs	200	50	50
E - 12	1 1/4 in. wide		lbs	200	50	50
E - 13	2 in. wide		lbs	200	50	50
E - 14	Varnish, insulating		gal	35	7	7
E - 15	Solder, soft, 37% lead 63% tin.		lbs	~~230~~ 250	75	75
E	Wire copper magnet with double spiral covering. dia. requested / American Wire gauge	For motor windings.				
E - 16	1/32 in. / ~~#~~ 20		Ft.	12,000 ~~15,000~~	4000 ~~5,000~~	4,000 ~~5,000~~
E - 17	3/32 in. / ~~#~~ 11		Ft.	9,000 ~~15,000~~	3,000 ~~4,000~~	6,000 ~~8,000~~
E - 18	1/8 in. / ~~#~~ 8		FT.	5,000	2,500	2,500

ELECTRICAL SUPPLIES

Item	Remarks	Unit	Total req.	Station Requirements Catania	Palermo	Porto Empedocle	Hydr.
Tape, Friction 3/4in. wide.		lbs	300 ~~400~~	75 ~~100~~	75 ~~100~~	75 ~~100~~	75 ~~100~~
Tape, varnished cambric.							
3/4 in. wide		lbs	200	50	50	50	50
1 1/4 in. wide		lbs	200	50	50	50	50
2 in. wide		lbs	200	50	50	50	50
Varnish, insulating		gal	35	7	7	7	14
Solder, soft, 37% lead 63% tin.		lbs	~~230~~ 250	75	75	~~40~~ 50	~~40~~ 50
Wire copper magnet with double spiral covering.	For motor windings.						
dia. requested / American Wire gauge							
1/32 in. / ~~22~~ 20		Ft.	12,000 ~~15,000~~	4000 ~~5,000~~	4,000 ~~5,000~~	4,000 ~~5,000~~	
3/32 in. / ~~14~~ 11		Ft.	9,000 ~~12,000~~	3,000 ~~4,000~~	6,000 ~~8,000~~	----	
1/8 in. / ~~5~~ 8		FT.	5,000	2,500	2,500		

ELECTRICAL SUPPLIES

6666

Item Number	Item	Remarks	Unit	Total req.	Station Requirement Catania	Palermo
	Copper, rectangular, double spiral cotton covered, (with rounded corners).					
E - 19	3/64 in. x 5/32 in.		Ft.	4000	----	4000
E-20	1/16 in. x 15/64 in.		Ft.	4000		4000

ELECTRICAL SUPPLIES

Item	Remarks	Unit	Total req.	Station Requirements			
				Catania	Palermo	Porto Empedocle	Hydr.
pper, rectangular, uble spiral cotton vered, (with rounded rners).							
4 in. x 5/32 in.		Ft.	4000	----	4000	-----	-----
6 in. x 15/64 in.		Ft.	4000		4000	-----	-----

SOCIETA GENERALE ELETTRICA DELLA SICILIA
CARRIER CURRENT EQUIPMENT

Item Number	Item	Remarks	Unit
CC - 1	Condensers, Electrolytic. 1500 mfd, test voltage 60 volts.		each
	Condensers, paper:		
CC - 2	Capacity: 0.5 mfd, test voltage: 1000 volts.		each
CC - 3	Capacity: 1.0 mfd, test voltage: 1000 volts.		each
CC - 4	Capacity: 3.5 mfd, test voltage: 1000 volts.		each
CC - 5	Capacity: 1.0 mfd, test voltage: 2000 volts.		each
CC - 6	Capacity: 3.5 mfd test voltage: 3000 volts		each
CC - 7	Capacity: 4.0 mfd, test voltage: 3000 volts.		each

SOCIETA GENERALE ELETTRICA DELLA SICILIA
CARRIER CURRENT EQUIPMENT

Item	Remarks	Unit	Total Requirements
Condensers, Electrolytic. 1500 mfd, test voltage 60 volts.		each	6
Condensers, paper:			
Capacity: 0.5 mfd, test voltage: 1000 volts.		each	10
Capacity: 1.0 mfd, test voltage: 1000 volts.		each	70
Capacity: 3.5 mfd, test voltage: 1000 volts.		each	35
Capacity: 1.0 mfd, test voltage: 2000 volts.		each	10
Capacity: 3.5 mfd test voltage: 3000 volts		each	6
Capacity: 4.0 mfd, test voltage: 3000 volts.		each	6

CARRIER CURRENT EQUIPMENT

Item Number	Item	Remarks	Unit	T Rec
	Fuses, Safety:	NOTE: THE FUSES REQUESTED ARE IN ACCORDANCE WITH SAMPLE. MADE BY SIEMENS. THERE IS ELEMENT INSIDE FUSE WHICH SEPARATES AS RESULT OF EXCESSIVE CURRENT. THE PLUNGER ON SMALL END OF FUSE THEN FLIES OUT, TRIPPING AN ALARM CONTACT. THE FUSE REPORTEDLY CAN BE "REGENERATED" BY HEATING FUSE BODY AND PRESSING PLUNGER INWARD.		
CC - 8	1.5 amp Capacity		each	
CC - 9	3.0 amp Capacity		"	
CC - 10	Resistance, similar to Siemens, vacuum type EW 1106 with mignon screw cap, volts: 6 - 17. Amps: 1.1		"	
	Tubes, vacuum			
CC - 11	Similar to Siemens Ca.		"	
CC - 12	Similar to Siemens Ba.		"	
CC - 13	Similar to Siemens Da.		"	
CC - 14	Similar to Telefunken type REN 1		"	
CC - 15	Similar to Telefunken type RV 222		"	

CC 7

ØARRIER CURRENT EQUIPMENT

Item	Remarks	Unit	Total Requirements
s, Safety:	NOTE: THE FUSES REQUESTED ARE IN ACCORDANCE WITH SAMPLE. MADE BY SIEMENS. THERE IS ELEMENT INSIDE FUSE WHICH SEPARATES AS RESULT OF EXCESSIVE CURRENT. THE PLUNGER ON SMALL END OF FUSE THEN FLIES OUT, TRIPPING AN ALARM CONTACT. THE FUSE RISPORTIEDLY CAN BE "REGENERATED" BY HEATING FUSE BODY AND PRESSING PLUNGER INWARD.		
amp Capacity		each	25
amp Capacity		"	25
stance, similar lemens, vacuum EW 1106 with on screw cap, s: 6 - 17. : 1.1		"	20
s, vacuum			
lar to Siemens		"	30
lar to Siemens		"	15
lar to Siemens		"	7
lar to Telefunken REN 1		"	20
lar to Telefunken RV 222		"	40

CARRIER CURRENT EQUIPMENT

Item Number	Item	Remarks	Unit	Re
CC - 16	Vacuum Tubes similar to Telefunken R.G.N.1404	Letter from MGS-AFHQ dated 10 May 1944, Subject: Requisitions, to Major R.A.Martino indicated substitude for R.G.N. tubes was necessary on a previous order. Same substitude will be satisfactory on this order above mentioned letter dated 10 May 1944 was sent to Reg.I by Maj. Martino on 17 May 1944.	each	

CARRIER CURRENT EQUIPMENT

Item	Remarks	Unit	Total Requirements
acuum Tubes similar o Telefunken R.G.N.1404	Letter from MGS-AFHQ dated 10 May 1944, Subject: Requisitions, to Major R.A.Martino indicated substitude for R.G.N. tubes was necessary on a previous order. Same substitude will be satisfactory on this order above mentioned letter dated 10 May 1944 was sent to Reg.I by Maj. Martino on 17 May 1944.	each	20

SOCIETA GENERALE ELETTRICA DELLA SICILIA
MECHANICAL DRIVE SUPPLIES

Item Number	Item	Remarks	Unit	Total req.	Station Requirements Catania	Palermo	Porto Empedocle
MD - 1	Balls, steel for special thrust bearing.-2.000 in. dia.	For use in coal pulverizer thrust bearing.	each	60	----	----	60
MD - 2	Belting, leather: 4in.wide ~~x1in.~~ x1/4in. thick, ~~thick~~ double ply.		Feet	150	50	50	----
MD - 3	2in.wide x3/16in. thick-single ply.			100	100	----	----
MD - 4	1in. widex1/8in. thick - single ply.			150	50	50	50
	Bearings, ball, radial, deep grove, single row.						
MD - 5	Outside dia.110mm Bore, inner race: 50mm width: 27mm	S.A.E. Standard Medium Series.	each	6	----	6	----

374

SOCIETA GENERALE ELETTRICA DELLA SICILIA
MECHANICAL DRIVE SUPPLIES

Item	Remarks	Unit	Total req.	Station Requirements Catania	Palermo	Porto Empedocle	Hydr.
Balls, steel for special thrust bearing.-2.000 in. dia.	For use in coal pulverizer thrust bearing.	each	60	----	----	60	----
Belting, leather: in.wide x ~~1 in.~~ ~~thick~~ double ply.		Feet	150	50	50	----	50
in.wide x3/16in. thick-single ply.			100	100	----	----	----
in. widex1/8in. thick - single ply.			150	50	50	50	----
Bearings, ball, radial, deep grove, single row.							
Inside dia.110mm outside, inner race: width: 27mm	S.A.E. Standard Medium Series.	each	6	----	6	----	----

MECHANICAL DRIVE SUPPLIES

Item Number	Item	Remarks	Unit	Total req.	Station Requirements		
					Catania	Palermo	Porto Empe
MD - 6	Outside dia:120mm Bore, inner race: ~~60mm.~~ 65mm. ~~width~~ width: 23mm.	S.A.E. Standard Light Series	each	12	----	12	---
MD - 7	Outside dia:140mm Bore, inner race: ~~60~~ 55mm width : 33mm	S.A.E. Standard Heavy Series	each	6	----	6	---
MD - 8	Outside dia: 72mm Bore, inner race: 30mm. width 19mm.	S.A.E. Standard Medium Series.	each	6	----	6	---
MD - 9	Outside dia: 62mm Bore, inner race: ~~30~~ 35mm. width: ~~19~~ 25mm.		each	12	----	12	---
MD -10	Outside dia: 200mm Bore, inner race: 95mm. Width: 45mm.	S.A.E. Standard Medium Series.		8	----	----	8
MD -11	Outside dia: 340mm Bore, inner race: 160mm. width: 114mm		each	8	----	----	8
	<u>Bearings, ball thrust:</u>						
MD -12	Outside dia: 148mm Bore, inner race: 100mm. width: 42mm		each	24	----	24	---

37 [illegible]

MECHANICAL DRIVE SUPPLIES

Item	Remarks	Unit	Total req.	Station Requirements			
				Catania	Palermo	Porto Empedocle	Hydr.
utside dia:120mm ore, inner race: mm. ~~width~~: 23mm. mm. width:	S.A.E. Standard Light Series	each	12	----	12	-----	----
utside dia:140mm ore, inner race: mm width : 33mm 5	S.A.E. Standard Heavy Series	each	6	----	6	----	----
utside dia: 72mm ore, inner race: mm. width 19mm.	S.A.E. Standard Medium Series.	each	6	----	6	----	----
utside dia:62mm ore, inner race: mm. width: ~~14~~ mm. 5 25		each	12	----	12	----	----
utside dia:200mm ore, inner race: mm. Width:45mm.	S.A.E. Standard Medium Series.		8	----	----	8	----
utside dia:340mm ore, inner race: 60mm. width: 114mm		each	8	----	----	8	----
earings, ball hrust: utside dia:148mm ore, inner race: 00mm. width:42mm		each	24	----	24	----	----

MECHANICAL DRIVE SUPPLIES

6666

Item Number	Item	Remarks	Unit	Total req.	Station Requirements		
					Catania	Palermo	Port Empedo
MD - 13	Outside dia:110mm Bore, inner race: 40mm. Width: ~~55~~ 79 mm.			12	----	12	---
MD - 14	Outside dia:120mm Bore, inner race: 50mm. Width:55mm.			6	----	6	---
MD - 15	Metal, Babbit	Alloy No.4, ASTM Standards, 1939, p.679, or equal.	lbs.	800	250	250	100

MECHANICAL DRIVE SUPPLIES

	Remarks	Unit	Total req.	Station Requirements			
				Catania	Palermo	Porto Empedocle	Hydr.
a:110mm race: : 55mm. 79			12	----	12	----	----
a:120mm race: h:55mm.			6	----	6	----	----
lt	Alloy No.4, ASTM Standards, 1939, p.679, or equal.	lbs.	800	250	250	100	200

SOCIETA' GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DISTRIBUTION REQUIREMENTS
1 January to 30 June 1945
MISCELLANEOUS - MATERIALS

Item No.	Item	Remarks	Unit	Total Requir
	Storage Batteries		Each	
MTD - 1	Lead acid type, 88 volts 95 ampere hour, containing 44 cells. Approximate dimensions of each cell: 2 3/4 in. high 6 3/4 in. wide 2 7/8 in. long.	For propulsion of vehicles used in connection with repairing distribution system.		8
MTD - 2	Lead acid type. 88 volts, 250 ampere hour approximate dimensions of each cell: 15 1/8 in. high 3 1/4 in. wide 7 3/4 in. long.	do		2
MTD - 3	Lead acid type, 12 volts, 50 ampere hours	To be used on trucks in transmission and distribution service.		10
MTD - 4	Lead acid type, 6 volts, 50 ampere hours			8

SOCIETA' GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DISTRIBUTION REQUIREMENTS
1 January to 30 June 1945
MISCELLANEOUS - MATERIALS

o.	Item	Remarks	Unit	Total Required
	Storage Batteries		Each	
1	Lead acid type, 88 volts 95 ~~as~~ ampere hour, containing 44 cells. Approximate dimensions of each cell: 2 3/4 in. high 6 3/4 in. wide 2 7/8 in. long.	For propulsion of vehicles used in connection with repairing distribution system.		8
2	Lead acid type. 88 volts, 250 ampere hour approximate dimensions of each cell: 15 1/8 in. high 3 1/4 in. wide 7 3/4 in. long.	do		2
	Lead acid type, 12 volts, 50 ampere hours	To be used on trucks in transmission and distribution service.		10
	Lead acid type, 6 volts, 50 ampere hours			8

MISCELLANEOUS MATERIALS

Item No.	Item	Remarks	Unit	Total Required
MTD - 5	Lead acid type, 12 volts, 65 ampere-hours			2
MTD - 6	Lead acid type, 6 volts, 65 ampere-hours.			
	Paint, metalic			
MTD - 7	Black		Gallons	50
MTD - 8	Grey		"	50
MTD - 9	Oil, Transformer	Suitable for 70 kv operation.	"	5000
MTD - 10	Oxide, Lead		lbs	1500
MTD - 11	Solder, soft 37% lead 63% tin		"	300
	Tires, Bicycle:		Each	
MTD - 12	26 in.x 1 1/2 in.			80
MTD - 13	28 in.x 1 5/8 in.			80

MISCELLANEOUS MATERIALS

Item	Remarks	Unit	Total Required
Lead acid type, 12 volts, 65 ampere-hours			2
Lead acid type, 6 volts, 65 ampere-hours.			
Paint, metalic			
Black		Gallons	50
Grey		"	50
Oil, Transformer	Suitable for 70 kv operation.	"	5000
Oxide, Lead		lbs	1500
Solder, soft 37% lead 63% tin		"	300
Tires, Bicycle:		Each	
26 in.x 1 1/2 in.			80
28 in.x 1 5/8 in.			80

MISCELLANEOUS MATERIALS

Item No.	Item	Remarks	Unit
~~MTD - 14~~	Tires, Motor Vehicle		
MTD - 14	6.00 x 18 in.		Each
MTD - 15	6.00 x 17 in.		
MTD - 16	5.50 x 15 in.		
MTD - 17	5.00 x 15 in.		
MTD - 18	4.00 x 15 in.		
MTD - 19	6.00 x 16 in.		
	Burroughs Adding		
	Machine Parts:		
	Ribbons, Symbol 2 - 591, black record:		Each
MTD - 20	Style 9		
MTD - 21	Style 11		
MTD - 22	Style ~~12~~ 13		
MTD - 23	Style 17		

MISCELLANEOUS MATERIALS

Item	Remarks	Unit	Total Required
Tires, Motor Vehicle			
6.00 x 18 in.		Each	12
6.00 x 17 in.			6
5.50 x 15 in.			24
5.00 x 15 in.			30
4.00 x 15 in.			10
6.00 x 16 in.			30
			112
Burroughs Adding Machine Parts:			
Ribbons, Symbol 2 - 591, black record:		Each	
Style 9			12
Style 11			36
Style ~~12~~ 13			60
Style 17			30

MISCELLANEOUS REQUIREMENTS

Item No.	Item	Remarks	Unit	T R 77
	Purple Record			
MTD - 24	Style 9		Each	
MTD - 25	Style 11			
MTD - 26	Symbol 2 - 594 I/2 A Type 20 Machine, Black Record.			
	Miscellaneous Parts:			
	Symbol			
MTD - 27	4130 $\overset{N}{B}$ Holtzer Cabot			
MTD - 28	I A - 12026			
MTD - 29	I - 71901			
MTD - 30	I - 71902			
MTD - 31	1 - 75152 No.1			
MTD - 32	1 - 75152 No.2			

MISCELLANEOUS REQUIREMENTS

Item	Remarks	Unit	Total Required
Purple Record			
Style 9		Each	12
Style 11			20
Symbol 2 - 594 I/2 A Type 20 Machine, Black Record.			12
Miscellaneous Parts:			
Symbol			
4130 ~~B~~ N Holtzer Cabot			12
I A - 12026			6
I - 71901			4
I - 71902			4
1 - 75152 No.1			2
1 - 75152 No.2			2

SOCIETA GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DISTRIBUTION REQUIREMENTS
1 JANUARY TO 30 JUNE 1945
Insulating Materials

Item No.	Item	Remarks	Unit	Total Require
IN - 1	Compound, insulating for 20 kv cable		Tons	5
	Sheets, Bakelite:			
IN - 2	60 in.x 4 in.x $\frac{3}{32}$ in.		Linear Feet	15
IN - 3	60 in.x 4 in.x $\frac{1}{8}$ in.			60
IN - 4	60 in.x 4 in.x $\frac{3}{16}$ in.		do	60
IN - 5	60 in.x 4 in.x $\frac{5}{16}$ in.		do	60
IN - 6	60 in.x 4 in.x $\frac{3}{8}$ in.		do	5
IN - 7	60 in.x 4 in.x $\frac{9}{16}$ in.		do	5

3733

SOCIETA CENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DISTRIBUTION REQUIREMENTS
1 JANUARY TO 30 JUNE 1945
Insulating Materials

Item	Remarks	Unit	Total Required
Compound, insulating for 20 kv cable		Tons	5
Sheets, Bakelite:			
60 in.x 4 in.x $\frac{3}{32}$ in.		Linear Feet	15
60 in.x 4 in.x $\frac{1}{8}$ in.			60
60 in.x 4 in.x $\frac{3}{16}$ in.		do	60
60 in.x 4 in.x $\frac{5}{16}$ in.		do	60
60 in.x 4 in.x $\frac{3}{8}$ in.		do	5
60 in.x 4 in.x $\frac{9}{16}$ in.		do	5

INSULATING MATERIALS(2)

Item No.	Item	Remarks	Unit
	Sheets Fuller Board		
IN - 8	40 in.x 40 in.x.020 in.		lbs
IN.- 9	40 in.x 40 in.x,040 in.		
IN - 10	40 in.x 40 in.x.060 in.		
IN - 11	40 in.x 40 in.x.080 in.		
IN - 12	Sheet, Mica		lbs
	Tape, Cotton Cloth		
IN - 13	5/8 in. wide		Feet
IN - 14	3/4 in. wide		
IN - 15	1 1/4 in.wide		
IN - 16	Tape, Friction 3/4 in.wide		lbs
IN - 17	Tape, Varnish Cambric		
	3/4 in.wide		lbs
IN - 18	1 1/4 in. wide		lbs
IN - 19	Varnish, insulating.		lbs

INSULATING MATERIALS(2)

No.	Item	Remarks	Unit	Total Required
	Sheets Fuller Board			
8	40 in.x 40 in.x.020 in.		lbs	60
9	40 in.x 40 in.x,040 in.			60
10	40 in.x 40 in.x.060 in.			60
11	40 in.x 40 in.x.080 in.			60
12	Sheet, Mica		lbs	10
	Tape, Cotton Cloth			
13	5/8 in. wide		Feet	6000
14	3/4 in. wide			6000
15	1 1/4 in.wide			6000
16	Tape, Friction 3/4 in.wide		lbs	400
17	Tape, Varnish Cambric			
	3/4 in.wide		lbs	100
18	1 1/4 in. wide		lbs	100
19	Varnish, insulating.		lbs	100

SOCIETA GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DISTRIBUTION REQUIREMENTS
1 January, to 30 June 1945
INSULATORS

Item No.	Item	Remarks	Unit	Total
I - 1	Insulators, bus type indoor, 25 kv.		each	1,
I - 2	Insulator, pin type, low voltage, glass or equal, suitable for 150 volt distribution circuits.	Submitted as substitute for "double ranger" insulators requested by electric company. The original number requested has also been reduced.	each	20,
I - 3	Insulator, pin type, 10kv, porcelain or equal.		each	3,00
I - 4	Insulator, pin type, 25kv, porcelain or equal.		each	3,00
I - 5	Insulator, wall bushing, 20Kv.		each	2
I - 6	Insulator, wall bushing, 70 kv.		each	

SOCIETA GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DISTRIBUTION REQUIREMENTS
1 January, to 30 June 1945
INSULATORS

Item	Remarks	Unit	Total Required
lators, bus type or, 25 kv.		each	1,000
lator, pin type, voltage, glass or , suitable for volt distribution its.	Submitted as substitute for "double raker" insulators requested by electric company. The original number requested has also been reduced.	each	20,000
lator, pin type, porcelain qual.		each	3,000
lator, pin type, porcelain or .		each	3,000
ator, wall ng, 20Kv.		each	20
ator, wall ng, 70 kv.		each	6

INSULATORS

Item No.	Item	Remarks	Unit	Total Req
I - 7	Insulator, floor tubes, 20 kv.		each	20
I - 8	Insulator, floor tubes, 70 kv.		each	6
I - 9	Insulators, Suspension	In accordance with Catalog No. 635, Westinghouse E. & Mfg. Co. Catalog 1928-1930	each	4,000
I - 10	Bushing, Circuit Breaker, indoor, 20 kv. 100 amper capacity.	As shown on sketch I-10 ~~Electric Company has been requested to furnish overall dimensions~~ Exact duplication not required	each	24
I - 11	Bushing, Circuit Breaker, indoor, 70 kv. 600 amp. capacity.	As shown on sketch ~~I-10~~ ~~I-12~~ ~~do~~ I-11	each	6
~~I - 12~~ omit	~~Bushing, Circuit Breaker, outdoor 70 kv.~~	Exact duplication not required. ~~do~~	~~each~~	6

3733

INSULATORS

Item	Remarks	Unit	Total Required
ator, floor tubes, .		each	20
ator, floor tubes, .		each	6
ators, Suspension	In accordance with Catalog No. 635, Westinghouse E. & Mfg. Co. Catalog 1928-1930	each	4,000
ing, Circuit ker, indoor, v. amper capacity	As shown on sketch I-10 ~~Electric Company has been requested to furnish overall dimensions~~ Exact duplication not required	each	24
ing, Circuit ker, indoor, 70 kv. amp. capacity.	As shown on sketch ~~I-10~~ ~~I-12~~ ~~to~~ I-11 Exact duplication not required.	each	6
~~ing, Circuit ker, outdoor 70 kv.~~	~~do~~	~~each~~	6

SOCIETA' GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DESTRIBUTION REQUIREMENTS
1. January to 30 June 1945.
CONDUCTORS

Item No.	Item	Remarks	Unit	Tote Requ
	Cable, Copper.			
	Three conductor.			
	Varnish cambric insulation.			
	Lead sheathed and armored. For 10 kv. Service.			
Con - 1	1/0 A.W.G. (50m long)		Feet	750
Con - 2	4/0 A.W.G. (100m long)		"	750
	Wire, magnet, double cotton covered.			
Con- 3	No. 21 A.W.G.		Feet	20,0
Con - 4	No. 20 A.W.G.		"	15,0
Con - 5	No. 19 A.W.G.		"	20,0
Con.- 6	No. 18 A.W.G.		"	10,0
Con - 7	No. 17 A.W.G.		"	10,0
Con - 8	No. ~~16~~ 15 A.W.G.		"	10,0
Con - 9	No. 14 A.W.G.		"	10,0
Con - 10	No. 13 A.W.G.		"	6,0

SOCIETA' GENERALE ELETTRICA DELLA SICILIA
TRANSMISSION AND DESTRIBUTION REQUIREMENTS
1 January to 30 June 1945.
CONDUCTORS

3732

Item	Remarks	Unit	Total Requirement
Cable, Copper.			
Three conductor.			
Varnish cambric insulation.			
Lead sheathed and armored. For 10 kv. Service.			
1/0 A.W.G. (50m long)		Feet	7500
4/0 A.W.G. (100m long)		"	7500
Wire, magnet, double cotton covered.			
No. 21 A.W.G.		Feet	20,000
No. 20 A.W.G.		"	15,000
No. 19 A.W.G.		"	20,000
No. 18 A.W.G.		"	10,000
No. 17 A.W.G.		"	10,000
No. ~~15~~ 15 A.W.G.		"	10,000
No. 14 A.W.G.		"	10,000
No. 13 A.W.G.		"	6,000

CONDUCTORS

Item No.	Item	Remarks	Unit	Total Requiremen
	Wire, magnet double double cotton covered,			
Con - 11	No. 12 A.W.G.		Feet	10,000
Con - 12	No. 10 A.W.G.		"	2,000
Con.- 13	No. 9 A.W.G.		"	2,500
Con - 14	1.2 mm x 4 mm		"	5,000
Con - 15	1.7 mm x 6 mm		"	2,000
~~Con - 16~~				
	Bus-Bar, copper, flat			
Con - 16	$\frac{3}{16}$ in.x 1 in.		"	1,000
Con - 17	$\frac{3}{16}$ in.x 1 1/4 in.		"	750
Con - 18	$\frac{3}{16}$ in.x 1 1/2 in.		"	1,000
Con - 19	$\frac{3}{8}$ in.x 1 1/2 in.		"	500
	Wire, Copper, Single Conductor, Solid round, 600 volt weather proof insulation.			
Con - 20	No.14 A.W.G.		Feet	20,000
Con - 21	No.12 A.W.G.		"	20,000
Con - 22	No. 9 A.W.G.		"	20.000

Wire, magnet, rectangular, double cotton covered. Conversion not made to american dimensions because table of rectangular wire size unavailable

CONDUCTORS

tem	Remarks	Unit	Total Requirements
net double tton covered,			
W.G.		Feet	10,000
W.G.		"	2,000
W.G.		"	2,500
4 mm		"	5,000
6 mm		"	2,000
copper, flat			
in.		"	1,000
1/4 in.		"	750
1/2 in.		"	1,000
1/2 in.		"	500
er, Single Solid volt roof insulation.			
G.		Feet	20,000
G.		"	20,000
G.		"	20.000

Wire, magnet, rectangular, double cotton covered - Conversion not made to american dimensions because table of rectangular wire size unavailable

373

CONDUCTORS

Item No.	Item	Remarks	Units	
01	Wire, copper, single Conductor, Stranded. Weather proof Insulation, (600 volt)			
Con - 23	No.7 A.W.G.		Feet	2
Con - 24	No.4 A.W.G.		"	2
Con - 25	No.2 A.W.G.		"	2
Con - 26	1/0 A.W.G.		"	1

CONDUCTORS

Item	Remarks	Units	Total Requirement
Wire, copper, single Conductor, Stranded. Weather proof Insulation, (600 volt)			
No.7 A.W.G.		Feet	2500
No.4 A.W.G.		"	2500
No.2 A.W.G.		"	2000
1/0 A.W.G.		"	1500

Col Fisher

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

MISCELLANEOUS MATERIALS

Sheet 1 of 2

Item No.	Item	Remarks	Unit	Total Required	Requirements for Each		
					Catania	Palermo	Por Emped
~~MM-1~~	~~Batteries, Flashlight~~		ea.	126	18	18	18
~~MM-2~~	~~Boots, Rubber hip~~	Size 7	Pairs ~~Prs.~~	54	6	6	6
~~MM-3~~	~~Bulbs, Flashlight Twp Cell~~		ea.	60	15	15	15
~~MM-4~~	~~Flashlight, two-cell~~		ea.	42	6	6	6
MM-5	Lamps, Carbide	Miner's lamps or similar.	ea.	30	6	6	6
~~MM-6~~	~~Raincoats with hoods~~	~~Size 38~~	ea.	42	6	6	6
MM-7	Thermometers: Scale approx. 60 - 550C°	Stem, liquid in glass	ea.	18	6	6	6
MM-8	Thermometers: Scale approx. 0 - 150C°	Same	ea.	100	25	25	25
~~MM-9~~	~~Tubes, Condenser~~ ~~Outside dia.~~ ~~B.W. Gage~~ ~~Length~~						

3724

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

MISCELLANEOUS MATERIALS

m	Remarks	Unit	Total Required	Requirements for Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
Flashlight		ea.	126	18	18	18	72
er-hip	Size 7	Pairs ~~Pre.~~	54	6	6	6	36
hlight		ea.	60	15	15	15	15
two-cell		ea.	42	6	6	6	24
ide	Miner's lamps or similar.	ea.	30	6	6	6	12
ith hoods	Size 38	ea.	42	6	6	6	24
s: Scale approx.	Stem, liquid in glass	ea.	18	6	6	6	--
s: Scale approx.	Same	ea.	100	25	25	25	25
anser							
.W. Length							
nge							

MISCELLANEOUS MATERIALS

Item No.	Item	Remarks	Unit	Total Required	Requirement Catania	Pa
~~MM-9~~	~~Waste, Cotton.~~		~~Tons~~	~~4~~	~~1~~	
MM-10	Canapa.	Listed as "Oakum," Item No. 52 on S.G.E.S. List. Is string-like substance - pungent oder - used for caulking purposes.	lbs	250	50	5
MM-11	Plaster, Asbestos.	Sufficient to cover 2000 Ft² of steam pipe to 2 inch depth. To be similar to U.S. Navy Specification which calls for 5% long asbestos fiber 65% Infusorial earth 30% Fireproof binding material.	Tons	7		

MISCELLANEOUS MATERIALS

Item	Remarks	Unit	Total Required	Requirements for each plant			
				Catania	Palermo	Porto Empedocle	Hydro
.Cotton.		Tons	4	1	1	1	1
apa.	Listed as "Oakum," Item No. 52 on S.G.E.S. List. Is string-like substance - pungent oder - used for caulking purposes.	lbs	250	50	50	50	100.
Asbestos.	Sufficient to cover 2000 Ft² of steam pipe to 2 inch depth. To be similar to U.S. Navy Specification which calls for 5% long asbestos fiber 65% Infusorial earth 30% Fireproof binding material.	Tons	7				

'SOCIETA GENERALE ELETTRICA DELLA SICILIA
MATERIAL REQUIREMENTS FOR GENERATING STATIONS
1 January - 30 June 1945
MACHINE SHOP SUPPLIES
SECOND + SUPPLEMENTARY LIST. 6 JUNE 1944.

Item No.	Item	Remarks	Unit	Total Required	Requirements of ea		
					Catania	Palermo	
	Additional Taps						
	Size Threads/in.						
M - 89	1 1/4 in.		each	~~12~~ 6	~~2~~ 1	~~2~~ 1	
M - 90	1 1/2 in.		each	~~12~~ 6	~~2~~ 1	~~2~~ 1	

3772

'SOCIETA GENERALE ELETTRICA DELLA SICILIA
MATERIAL REQUIREMENTS FOR GENERATING STATIONS
1 January - 30 June 1945
MACHINE SHOP SUPPLIES
SECOND + SUPPLEMENTARY LIST. 6 JUNE 1944.

	Remarks	Unit	Total Required	Requirements of each plant			
				Catania	Palermo	Porto Empedocle	Hydro
Taps							
Threads/in.		each	~~12~~ 6	~~2~~ 1	~~2~~ 1	~~2~~ 1	~~6~~ 3
		each	~~12~~ 6	~~2~~ 1	~~2~~ 1	~~2~~ 1	~~6~~ 3

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS OF GENERATING STATIONS

1 January - 30 June 1945

PROTECTIVE COATINGS

Sheet 1 of 1

Item No.	Item	Remarks	Unit	Total Required	Requirements for Catania	Palermo	E
P-1	Oxide, Lead		lbs.	1100	200	200	
	Paint, Metal:	For use on Transformers, etc.					
P-2	Black		lbs.	1000	300	300	
P-3	Grey		"	1000	300	300	
P-4	White Lead		"	400	100	100	

3775

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS OF GENERATING STATIONS

1 January - 30 June 1945

PROTECTIVE COATINGS

Remarks	Unit	Total Required	Requirements for Each Station			
			Catania	Palermo	Porto Empedocle	Hyd
	lbs.	1100	200	200	200	500
For use on Transformers, etc.						
	lbs.	1000	300	300	209	200
	"	1000	300	300	200	200
	"	400	100	100	100	100

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

WELDING MATERIAL

Sheet 1 of 1

Item No.	Item	Remarks	Unit	Total Required	Requirements for Each		
					Catania	Palermo	Por Emped
W-1	Calcium Carbide	For acetylene gas generation.	lbs.	3500	1500	1000	50
	Electrodes, Welding, steel:						
W-2	3/16 in. dia.		ea.	1500	500	500	50
W-3	5/32 in. dia.		"	1500	500	500	50
W-4	1/8 in. dia.		"	5000	2000	2000	100
W-5	3/32 in. dia.		"	5000	2000	2000	100

3725

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

WELDING MATERIAL

	Remarks	Unit	Total Required	Requirements for Each Station			
				Catania	Palermo	Porto Empedocle	Hydro
le	For acetylene gas generation.	lbs.	3500	1500	1000	500	500
ld-							
		ea.	1500	500	500	500	-
		"	1500	500	500	500	-
		"	5000	2000	2000	1000	-
		"	5000	2000	2000	1000	-

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

MACHINE SHOP SUPPLIES

Sheet 1 of 5

Item No.	Item	Remarks	Unit	Total Required	Requirements of Ea		
					Catania	Palermo	Em
M-1	Blades, Hack Saw 12 in.		Doz.	100	25	25	
	Bolts, Machine with Semi-Finished hexagon heads and bolts:	Material: Open Hearth Carbon Steel. Minimum tensile strength: 58,000 lb./sq. in. Thread: American Standard Screw.					
M-2	3/8 in. X 2 in.		lbs.	600	200	200	
M-3	1/2 in X 2 in.		lbs.	600	200	200	
M-4	5/8 in. X 2 in.		lbs.	600	200	200	
M-5	3/4 in. X 2 in.		lbs.	600	200	200	
M-6	7/8 in. X 4 in.		lbs.	600	200	200	
M-7	1 in. X 4 in.		lbs.	600	200	200	
	Cloth, Emery-Size:						
M-8	00		Sheets	800	200	200	

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

MACHINE SHOP SUPPLIES

	Remarks	Unit	Total Required	Requirements of Each Plant			
				Catania	Palermo	Porto Empedocle	H ro
		Doz.	100	25	25	25	25
ith xagon	Material: Open Hearth Carbon Steel. Minimum tensile strength: 58,000 lb./sq. in. Thread: American Standard Screw.						
		lbs.	600	200	200	100	100
		lbs.	600	200	200	100	100
		lbs.	600	200	200	100	1
		lbs.	600	200	200	100	100
		lbs.	600	200	200	100	100
		lbs.	600	200	200	100	100
		Sheets	800	200	200	200	200

Item No.	Item	Remarks	Unit	Total Required	Requirements of Each		
					Catania	Palermo	Port Empedo
	Emery Cloth, contd:						
M-9	0		Sheets	800	200	200	200
M-10	1		"	800	200	200	200
M-11	2		"	800	200	200	200
M-12	3		"	800	200	200	200
M-13	4		"	800	200	200	200
	Drills, Twist With Straight Shanks - (added 20/6/44 VSK)	Closest Corresponding Number or Letter					
M-14	2mm.	47	Doz.	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-15	2.5mm.	40	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-16	3mm.	32	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-17	3.5mm.	29	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-18	4mm.	22	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-19	4.5mm.	16	"	~~4~~ ~~½~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-20	.191 in.	11	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-21	5.5mm.	3	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-22	6mm.	A	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~
M-23	6.5mm.	F	"	~~8~~ 2	~~2~~ ½	~~2~~ ½	~~2~~

	Remarks	Unit	Total Required	Requirements of Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
...ontd:							
		Sheets	800	200	200	200	200
		"	800	200	200	200	200
		"	800	200	200	200	200
		"	800	200	200	200	200
		"	800	200	200	200	200
...wist ...nt ...ed ...6/44 ...vsk)	Closest Corresponding Number or Letter						
	47	Doz.	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	40	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	32	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	29	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	22	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	16	"	~~4~~ ~~½~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	11	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	3	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	A	"	~~4~~ 2	~~1~~ ½	~~1~~ ½	~~1~~ ½	~~1~~ ½
	F	"	~~8~~ 2	~~2~~ ½	~~2~~ ½	~~2~~ ½	~~2~~ ½

Sheet 3 of 5

Item No.	Item	Remarks	Unit	Total Required	Requirements of Each		
					Catania	Palermo	Por Emped
M-24	7mm.	J	Doz.	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-25	.302 in.	N	"	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-26	8mm.	O	"	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-27	8.5mm	Q.	"	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-28	9mm.	T	"	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-29	9.5mm.	V	"	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-30	10mm.	X	"	~~8~~ 2	~~2~~ 1/2	~~2~~ 1/2	~~2~~
M-31	.409 in.	Y	"	~~4~~ 2	~~1~~ 1/2	1/2	1/
		Nearest Dimension in Inches					
M-32	11mm.	7/16	"	~~4~~ 2	1/2	1/2	1/
M-33	~~10mm.~~ 12 mm	-	"	~~4~~ 2	1/2	1/2	1/
M-34	13mm.	33/64	"	~~4~~ 2	1/2	1/2	1/
M-35	14mm.	-	"	~~4~~ 2	1/2	1/2	1/
M-36	15mm.	19/32	"	~~4~~ 2	1/2	1/2	1/
M-37	5/8in.	5/8	"	~~4~~ 2	1/2	1/2	1/
M-38	17mm.	-	"	~~4~~ 2	1/2	1/2	1/
M-39	18mm.	23/32	"	~~4~~ 2	1/2	1/2	1/

em	Remarks	Unit	Total Required	Requirements of Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
.	J	Doz.	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
2 in.	N	"	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
.	O	"	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
mm	Q.	"	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
.	T	"	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
mm.	V	"	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
n.	X	"	~~8~~ 2	2 1/2	2 1/2	2 1/2	2 1/2
9 in.	Y	"	~~4~~ 2	1/2	1/2	1/2	1/2
	Nearest Dimension in Inches						
n.	7/16	"	~~4~~ 2	1/2	1/2	1/2	1/2
m							
n.	-	"	~~4~~ 2	1/2	1/2	1/2	1/2
n.	33/64	"	~~4~~ 2	1/2	1/2	1/2	1/2
n.	-	"	~~4~~ 2	1/2	1/2	1/2	1/2
.	19/32	"	~~4~~ 2	1/2	1/2	1/2	1/2
n.	5/8	"	~~4~~ 2	1/2	1/2	1/2	1/2
.	-	"	~~4~~ 2	1/2	1/2	1/2	1/2
.	23/32	"	~~4~~ 2	1/2	1/2	1/2	1/2

Item No.	Item	Remarks	Unit	Total Required	Requirements for Each P		
					Catania	Palermo	Porto Empedoc
M-40	19mm.	3/4 in.	Doz.	4 2	1/2	1/2	1/2
M-41	20mm.	25/32 in.	"	4 2	1/2	1/2	1/2
M-42	21mm.	53/64 in.	"	2	1/2	1/2	1/2
M-43	55/64 in.	55/64 in.	"	2	1/2	1/2	1/2
M-44	23mm.	29/32 in.	"	2	1/2	1/2	1/2
M-45	61/64 in.	61/64 in.	"	2	1/2	1/2	1/2
M-46	25mm.	63/64 in.	"	2	1/2	1/2	1/2
M-47	26mm.	—	"	2	1/2	1/2	1/
M-48	27mm.	1 1/16 in.	"	2	1/2	1/2	1/
M-49	28mm.	1 7/64 in	"	2	1/2	1/2	1/
M-50	29mm.	1 9/64 in.	"	2	1/2	1/2	1/
M-51	30mm.	1 3/16 in.	"	2	1/2	1/2	1/
	Steel, Tool, Plain Carbon.						
M-52	1/2 in. X 1/2 in.		ft.	20	5	5	
M-53	3/4 in. X 3/4 in.		ft.	20	5	5	
M-54	Steel, plain carbon hexagonal 1 inch stock	0.70 -0.80% Carbon content: For cold Chisels	ft.	40	10	10	1

Item	Remarks	Unit	Total Required	Requirements for Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
m.	3/4 in.	Doz.	4 2	1/2	1/2	1/2	1/2
m.	25/32 in.	"	4 2	1/2	1/2	1/2	1/2
m.	53/64 in.	"	2	1/2	1/2	1/2	1/2
64 in.	55/64 in.	"	2	1/2	1/2	1/2	1/2
m.	29/32 in.	"	2	1/2	1/2	1/2	1/2
64 in.	61/64 in.	"	2	1/2	1/2	1/2	1/2
m.	63/64 in.	"	2	1/2	1/2	1/2	1/2
m.	—	"	2	1/2	1/2	1/2	1/2
m.	1 1/16 in.	"	2	1/2	1/2	1/2	1/2
m.	1 7/64 in	"	2	1/2	1/2	1/2	1/2
m.	1 9/64 in.	"	2	1/2	1/2	1/2	1/2
m.	1 3/16 in.	"	2	1/2	1/2	1/2	1/2
Tool, Plain							
X 1/2 in.		ft.	20	5	5	5	5
X 3/4 in.		ft	20	5	5	5	5
plain carbon l	0.70 -0.80% Carbon content:						
nch shock	For cold Chisels	ft.	40	10	10	10	10

Item No.	Item		Remarks	Unit	Total Required	Requirem Catania
M-55	3/4 in. stock			ft.	40	10
	TAPS					
	Size	Threads/in.				
M-56	No. 5	40				
M-57	1/4 in.	20		Doz.	42	1/2
M-58	3/8 in.	16		"	42	1/2
M-59	1/2 in.	13		"	42	1/2
M-60	5/8 in.	11		"	42	1/2
M-61	3/4 in.	10		"	42	1/2
M-62	7/8 in.	9		"	42	1/2
M-63	1 in.	8		"	42	1/2
M-64	1 1/8 in.	7		Ea.	~~4~~ 6	1
M-89	1 1/4 "	-		Ea.	~~4~~ 6	1
90	1 1/2 "	-		dead	6	
					6	

3723

em	Remarks	Unit	Total Required	Requirements for Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
in. stock		ft.	40	10	10	10	10
S Threads/in.							
40		Doz.	42	1/2	1/2	1/2	1/2
20		"	42	1/2	1/2	1/2	1/2
16		"	42	1/2	1/2	1/2	1/2
13		"	42	1/2	1/2	1/2	1/2
11		"	42	1/2	1/2	1/2	1/2
10		"	42	1/2	1/2	1/2	1/2
9		"	42	1/2	1/2	1/2	1/2.
8	Ea.	"	~~14~~ 6	~~1~~	~~1~~	~~1~~	~~1~~
7	Ea.	"	~~14~~ 6	1	1	1	1
-	Reel		6				
-			6				

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

LUBRICANTS

Sheet 1 of 2

Item No.	Item	Unit	Total Required	Requirements of Each Station			
				Catania	Palermo	Porto Empedocle	Hy
L-1	Grease, soda-soap Remarks: Gargoyle sponge, grease, medium or equal	Tons	6	1	3	1	
L-2	Oil, cylinder Remarks: Minimum Viscosity at 122°F: 4.0 Engler. Fire Point 480°F. Neutralization number ~~21.5~~, 1.50 Maximum ash: 0.15%, Mineral Acidity and alkalinity: Absent. Lub. by s.v. by gen oil mfgd. by Socony Vacuum and its associates	Tons	3	1	1	1	
L-3	Oil, Engine Remarks: For speeds less than 750 rpm. Viscosity at 122°F: 5.5 to 10 Engler. Flash Point: 365°F. Neutralization Number ~~0.20~~ 0.20. Maximum ash: ~~0.25%~~ 0.50% Mineral acidity and alkalinity: Absent. Usual operating Temperature: 145F	Tons	6	2	2	1	
L-4	Oil, Engine Remarks: For speeds exceeding 750 rpm. Viscosity at 122°F: 3.5 to 5.5 Engler. Flash point: 338°F ~~Organic Acidity~~, Neutralization Number: 0.20 maximum: 0.20%. Ash, Maximum: 0.50% Mineral acidity and alkalinity: Absent. Usual operating temperature: 145F.	Tons	6	2	2	1	

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS FOR GENERATING STATIONS

1 January - 30 June 1945

LUBRICANTS

em	Unit	Total Required	Requirements of Each Station			
			Catania	Palermo	Porto Empedocle	Hydro
p e sponge, grease, medium	Tons	6	1	3	1	1
Viscosity at 122°F: oint 480°F. umber ~~21.5~~, 1.50 5%, Mineral Acidity Absent. oil mixed by Lacing Vacuum and the is available	Tons	3	1	1	1	-
eds less than 750 rpm. 2°F: 5.5 to 10 Engler. 5°F. Neutralization imum ash: ~~0.25%~~ 0.50% and alkalinity: Absent. Temperature: 145F	Tons	6	2	2	1	1
eds exceeding 750 rpm. 2°F: 3.5 to 5.5 Engler. 8°F ~~Organic Acidity~~, Neutralization Number 0.20 Ash, Maximum: 0.50% and alkalinity: Absent. temperature: 145F.	Tons	6	2	2	1	1

Sheet 2 of 2

Item No.	Item	Unit	Total Required	Requirements of Each St		
				Catania	Palermo	Porto Empedoc
L-5	Oil, Turbine Remarks: For main turbine generator units, pressure lubrication. Neutralization Number: 0.05. Acidity, Mineral and Alkaline: Absent. Ash, Maximum 0.5% Density at 60°F: 0.85-0.90. Fire point: 410°F. Oxidation test, maximum: 0.25. Viscosity at 122°F: 2.5-5 Engler. ~~These~~ states these oils may be D.T.E. light, or I.T.E. heavy medium produced by Socony Vacuum Oil Company or equal.	Tons	9	3	3	3

The electric company

3712

	Unit	Total Required	Requirements of Each Station			
			Catania	Palermo	Porto Empedocle	Hydro
turbine generator ubrication. Neutral- .05. Acidity, Mineral ent. Ash, Maximum 0.5% 0.85-0.90. Fire point: test, maximum: 0.25. F: 2.5-5 Engler. ~~These~~ The electric company . light, or I.T.E. heavy medium pro- acuum Oil Company or	Tons	9	3	3	3	-

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS OF GENERATING STATIONS

1 January - 30 June 1945

GASKET AND PACKING MATERIAL

Sheet 1 of 2

Item No.	Item	Remarks	Unit	Total Required	Requirements of Each Plant		
					Catania	Palermo	Porto Empedocle
	Gasket material Asbestos sheet, compressed						
GP-1	1/16" Thick:	Steam Service	sq. ft.	600	200	200	200
GP-2	Special gaskets (for boiler header handholes)	Compressed asbestos In accordance with sketch ~~GP-2~~ marked ~~"N. 1 of the list" and~~ having overall	ea.	6000	2000	3000	1000
GP-2A	do	In accordance with sketch marked ~~"N. 31 of the list"~~ overall dimen					
	Packing Material						
	Asbestos rope:						
GP-3	5/16in. dia.	To pack valves.	lbs.	150	50	50	50
GP-4	5/8in. dia.	do	lbs.	150	50	50	50
GP-5	2in. dia.	To pack spaces between boiler headers	lbs.	500	200	200	100
	Asbestos, Graphite Square	To pack valves.					
GP-6	3/16in. sq.		ft.	750	250	250	250

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS OF GENERATING STATIONS

1 January - 30 June 1945

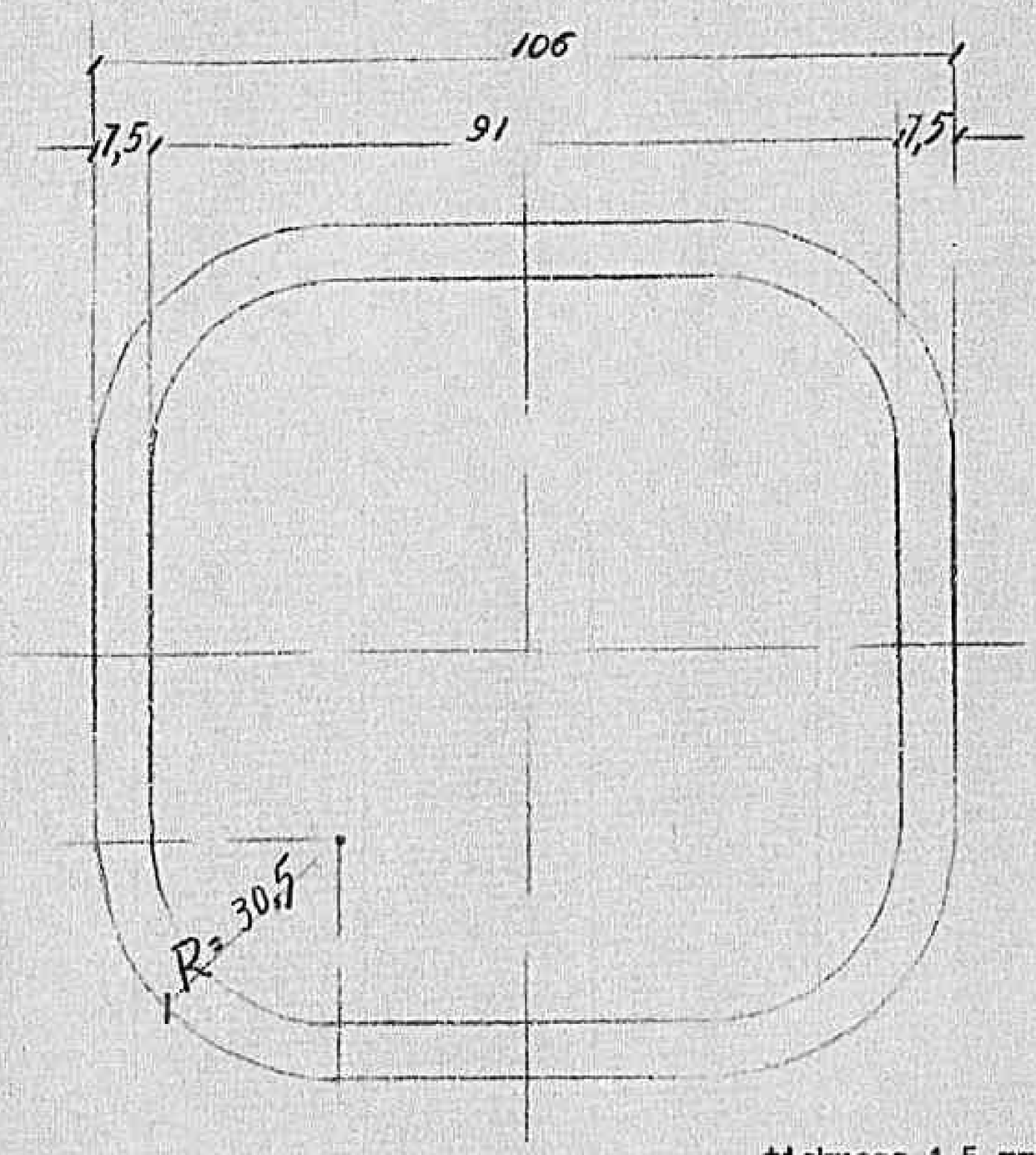
GASKET AND PACKING MATERIAL

Remarks	Unit	Total Required	Requirements of Each Plant: Catania	Palermo	Porto Empedocle	Hydro
Steam Service	sq. ft.	600	200	200	200	-
Compressed asbestos In accordance with sketch marked "B" attached ~~of the list" and having~~ overall dimensions of 136x120.5 mm.	ea.	6000	2000	3000	1000	-
~~GP-2~~ In accordance with sketch ~~marked "N. 31 of the list"~~ and having overall dimensions of 106x106 mm.		1500				
To pack valves.	lbs.	150	50	50	50	
do	lbs.	150	50	50	50	
To pack spaces between boiler headers	lbs.	500	200	200	100	
To pack valves.	ft.	750	250	250	250	

Item No.	Item	Remarks	Unit	Total Required	Requirements of Catania	Requirements of Palermo
GP-7	3/16 in. sq.		ft.	750	250	250
GP-8	7/16 in. sq.		ft.	750	250	250
GP-9	5/8 in. sq.		ft.	750	250	250
GP-10	3/4 in. sq.		ft.	750	250	250
	Asbestos, braided, square	Anline For ~~centrifugal~~ pump shaft packing - hot water service.				
GP-11	1/2 in. sq.		estimated ft. lbs	~~750~~ 1000 ft. 200 lbs.	250 ft 50 lbs	250 ft 50 lbs
GP-12	3/4 in. sq.		ft. lbs	~~750~~ 500 ft 200 lbs	~~250~~ 125 ft 50 lbs	~~250~~ 125 50 lbs

	Remarks	Unit	Total Required	Requirements of Each Plant: Catania	Palermo	Porto Empedocle	Hydro
		ft.	750	250	250	250	–
		ft.	750	250	250	250	–
		ft.	750	250	250	250	–
		ft.	750	250	250	250	–
braided,	Asbestos For ~~centrifugal~~ pump shaft packing - hot water service.						
		estimated ft. / lbs	1000 ft. ~~750~~ 200 lbs.	250 ft 50 lbs	250 ft 50 lbs	250 ft 50 lbs	250 ft 50 lbs
		ft.	~~750~~ 500 ft	~~250~~ 125 ft	~~250~~ 125 ft	~~250~~ 125 ft	125 ft.
		lbs	200 lbs	50 lbs	50 lbs	50 lbs	50 lbs.

Stand C



tickness 1,5 mm

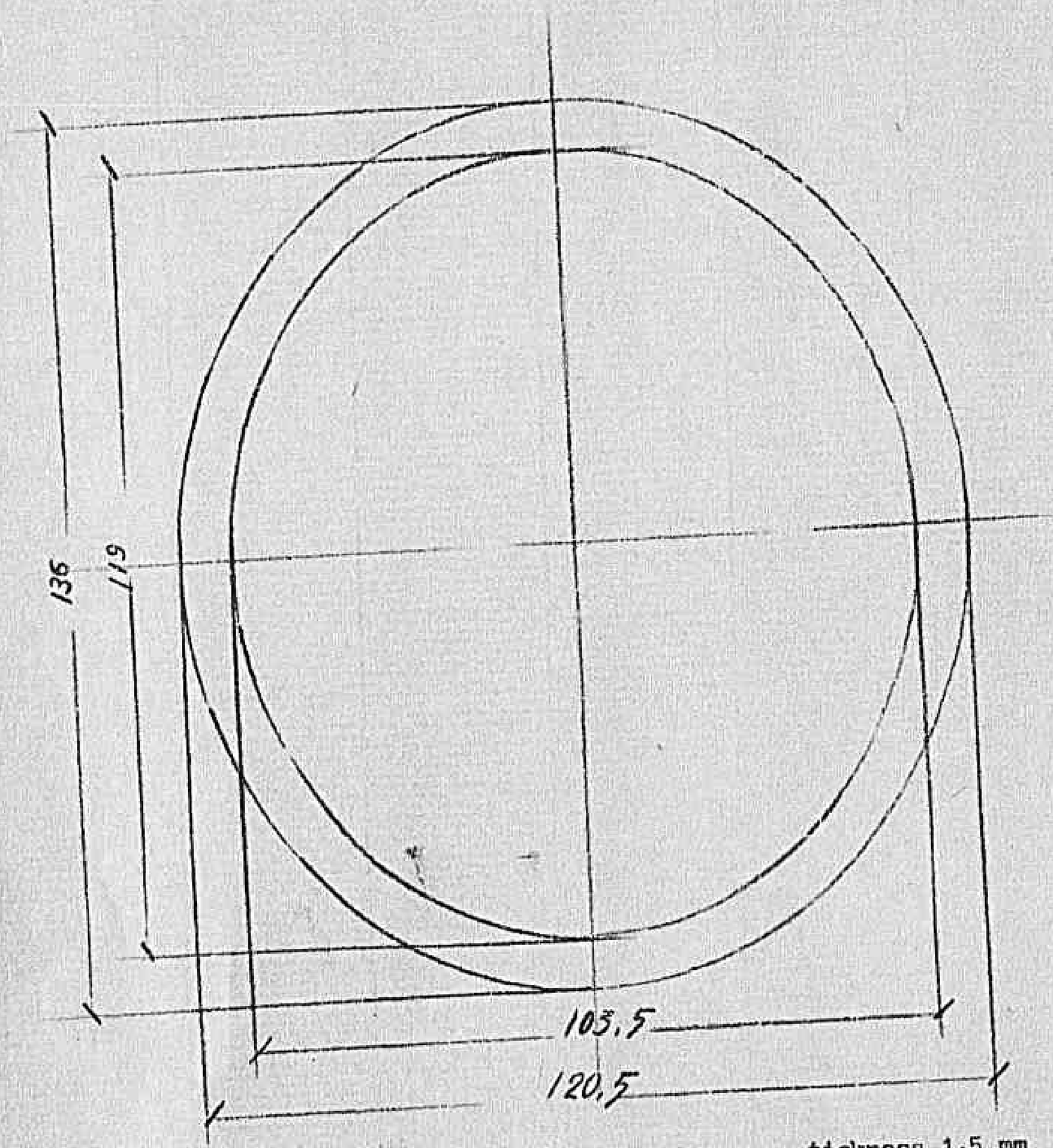
Special gasket for boiler : size N.2

~~N.31 of the list.~~

371

1500 Required.

Stall B



tiokness 1,5 mm

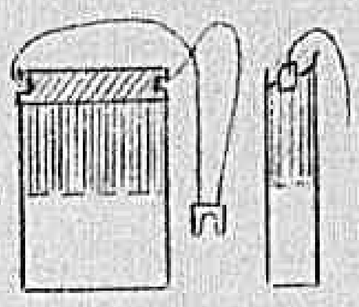
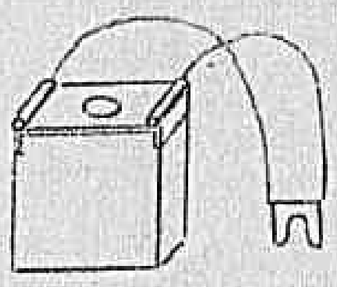
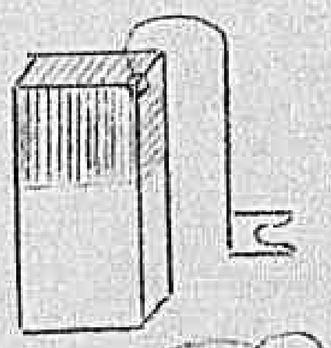
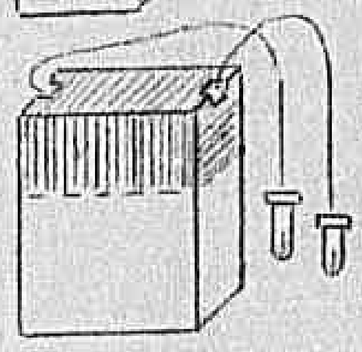
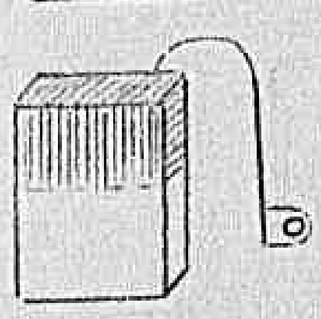
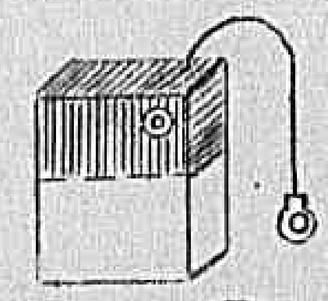
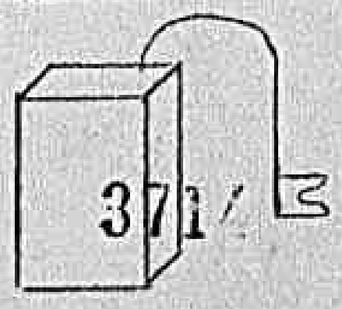
Special gasket for boiler : size N.1

N. 31 of the list

6000 required.

3715

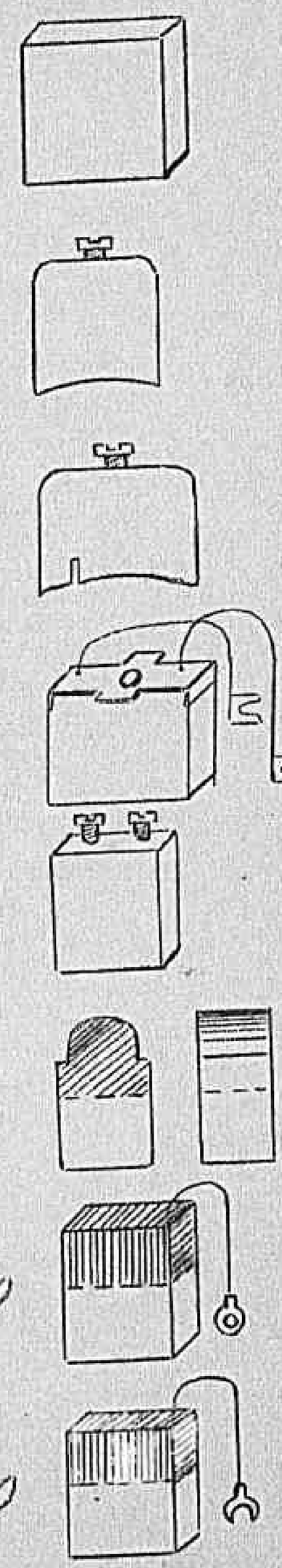
Centrale di Palermo — Sicilia

Numero di Catalog.	Destinazione della spazzola	Qualità	Misure m/m	Quantità N°	Schizzo
101	Eccitatrice coassia GANZ 130 V. 300 A.	grafite	55x~~25~~x20x16	200	
102	Turbo alternatore II° GANZ 5000 KW 10000/10500/130 V. 480/455 A.	grafite GLC 2/1	20 x 20 x 20	100	
103	Eccitatrice coassia 1c ASEA 220 V. 227 A.	grafite GIM 21	55 x 18 x 15	200	
104	Alternatore doppio STAAL 220 V. 564 A.	grafite GLE 3	60 x 38 x 25	100	
105	Asincrono MARELLI 125 V. 250 A.	carbone GLT 5	35 x 30 x 15	200	
106	Asincrono MARELLI 5000 KVA 10500/125 V. 260 A.	metalcarb.	35 x 30 x 20	200	
107	Eccitatrice MARELLI 30 V. 300 A.	metalgraf.	40 x 20 x 15	200	

1200

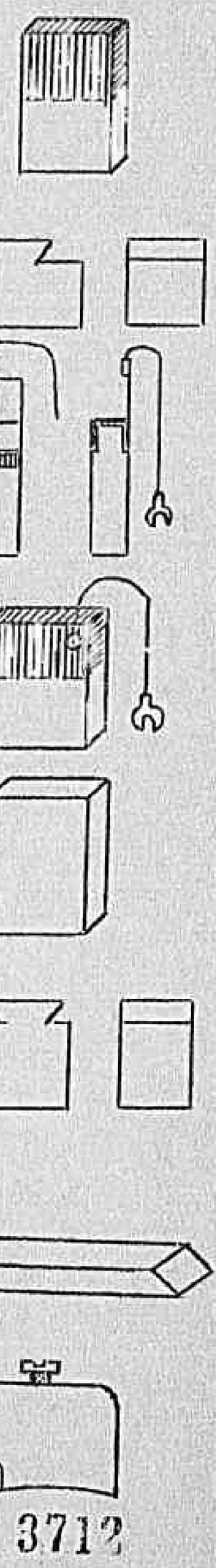
371

Numero di Catalog.	Destinazione della spazzola	Qualità	Misure mm/mm	Quantità N°
108	Alternatore MARELLI 260/125 V. 200 A.	metalgraf.	40 x 40 x 15	100
109	Motori SIEMENS soffianti 4° cald.	ramecar_ bone W	40 x 36 x 12	50
110	Motori molino	ramecarbo_ ne W	35 x 44 x 16	50
111	Motore pompa alimen_ tazione	ramecarbone	30 x 30 x 20	50
112	Motori compressori caldaie	ramecarbone W	35 x 25 x 10	100
113	Motore distributore 4° caldaia	grafite GLE 3	36 x 15 x 13	100
114	Motori aspiranti 2° e 3° caldaia	carbone Kron.Ext.	40 x 30 x 15	200
115	Motori aspiranti 4° caldaia	carbone GLT 5	38 x 32 x 16	300
				950



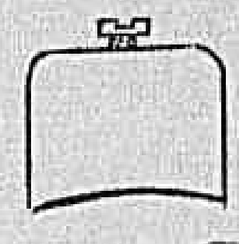
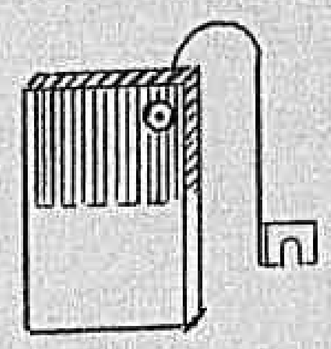
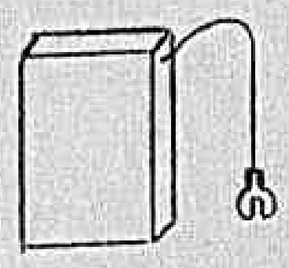
371°

Numero di Catalog.	Destinazione della spazzola	Qualità	Misure mm/mm	Quantità N°
116	Gruppo saldatura elettrica	elettrog. EG 1	35 x 15 x 13	50
117	Motore pompa circol. turbo Staal	ramecarbon. BRW	30/20x32/21x25	50
118	Motore griglia 2° - 3° caldaia	carbone Kr. ex. 5	35x16x12,5	100
119	Asincrono MARELLI (5° spazzola)	elettrog.	35 x 20 x 10	50
120	Gruppo carica batterie	ramecarbon. W	50 x 25 x 15	200
121	Motore pompa condensa	ramecarbon.	30 x 20 x 15	100
122	Motori soffianti 2° caldaia	tela rame	155/150x235±11	100
123	Motori soffianti 3° caldaia	ramecarb.	35 x 44 x 16	100



3712

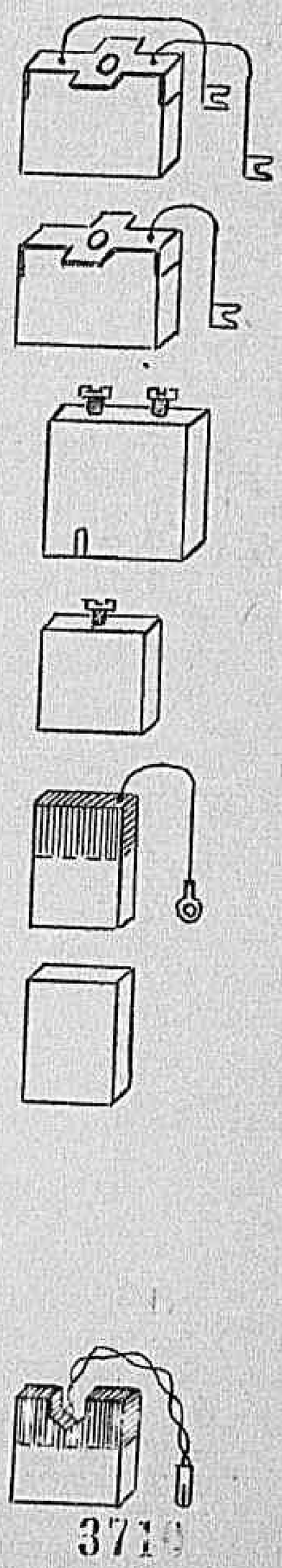
750

Numero di Catalog.	Destinazione della spazzola	Qualità	Misure m/m	Quantità N°	
124	Motore aspirante mulino	ramecarbon W	40 x 36 x 12	50	
125	Motori griglia 2° caldaia	carbone	50 x 32 x 9,3	100	
126	Motore convoglia_ tore esterno	ramecarbone W	40 x 20 x 10	50	

20

S.G.E.S.- Centrale di Porto Empedocle.-

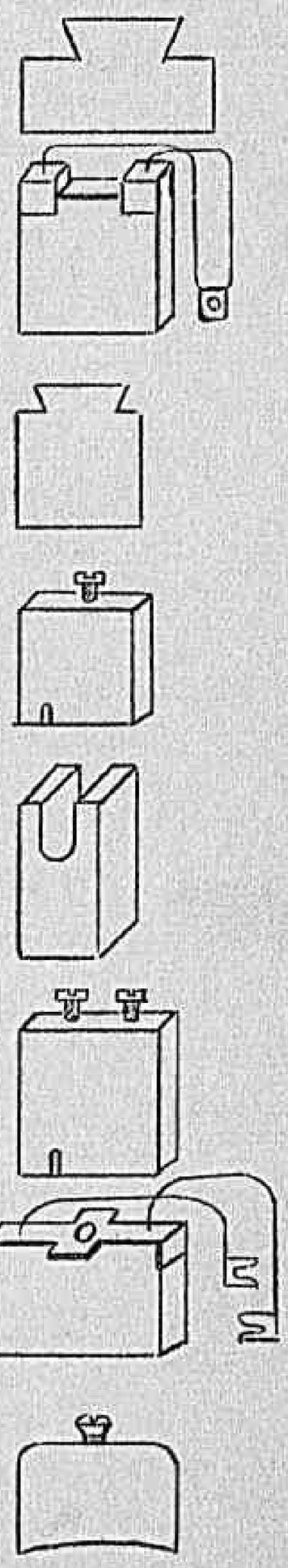
Numero di Catalog.	Destinazione della spazzola	Qualità	Misure m/m	Quantità N°
201	2 Eccitatrici coass. BROWN BOVERI 100 V. 400 A.	elettrog.	30 x 30 x 25	200
202	2 Alternatori B.B. 5000 KVA - 400 A. 11000/100 V.	grafite	30 x 30 x 20	100
203	Motore pompa circolazione acqua caldaia K.30 da 103 Kw	ramecarb.	40 x 40 x 16	100
204	Motori pompa lavaggio griglie	ramecarb. WE	20 x 20 x 8	50
205	Gruppo carica batterie: dinamo	elettrogr. EG 1	35 x 20 x 15	70
206	Gruppo carica batterie: motore	ramecarb.	35 x 20 x 10	100
207				
208	Motori ASEA dei ventilatori soffian. collettore	elettrogr. KR II	25 x 25 x 7	400



1020

S.G.E.S.- Centrale di Porto Empedocle

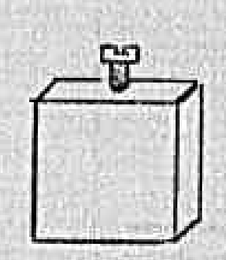
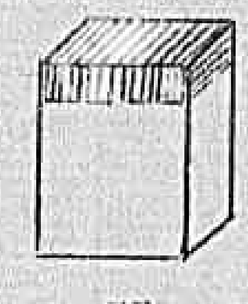
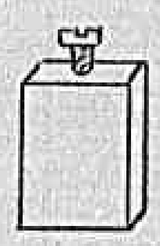
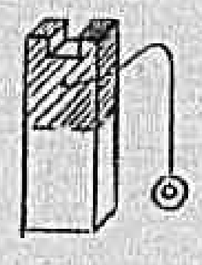
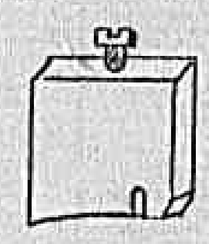
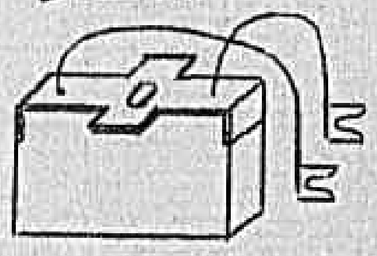
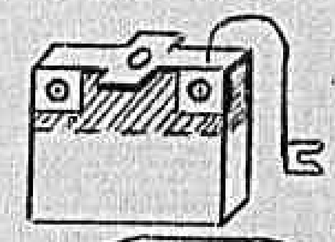
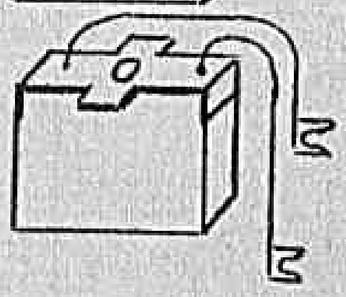
Numero di Catalog.	Destinazione della spazzola	Qualità	Misure m/m	Quantità N°
209	Motori ASEA dei ventilatori soffian. anelli	ramecarbon.	25/22x32/21x20	150
210	Motori ASEA delle griglie collettore	elettrograf	35 x 25 x 8	500
211	Motori ASEA delle griglie	ramecarbon.	21 x 18/16 x 13	100
212	Motori molino rompiscorie	ramecarbon. WE	20 x 20 x 8	100
213	Motore scarico scorie	ramecarbon.	35 x 30 x 20	100
214	Motore aspirante camino	ramecarbon. K 30	40 x 40 x 16	200
215	Motore pompa circolazione	bronzocarb. BR W	30 x 38 x 22	50
216	Motore Siemens canale scorie	metlacarb.	30 x 36,6 x 12	100



3709

130

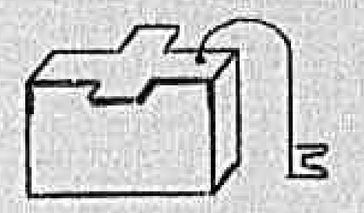
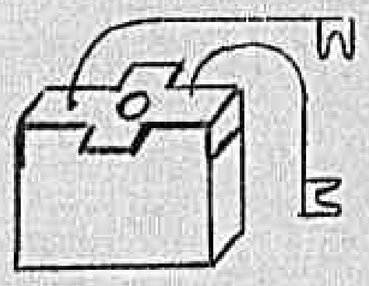
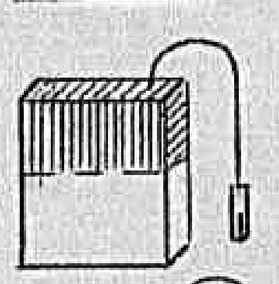
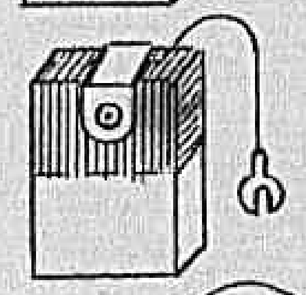
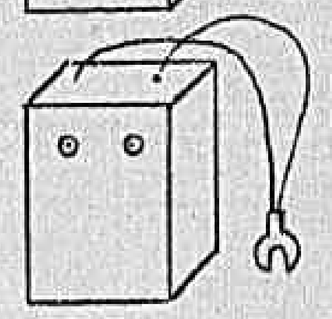
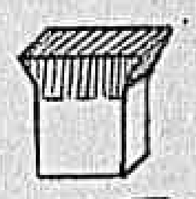
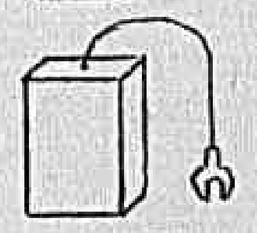
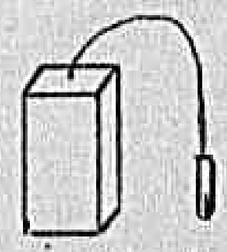
S.G.E.S.- Centrale di Porto Empedocle.-

Numero di Catal.	Destinazione della spazzola	Qualità	Misure m/m.	Quantità N°	
217	Motori molino nuova caldaia GEFIA	metalgraf.	25 x 25 x 12	80	
218	Motori ventilatori soffianti nuova caldaia GEFIA	tela rame	55 x 25 x 25	100	
219	Motore vaglio nuova caldaia GEFIA	metalcarb.	25 x 15 x 8	100	
220	Dosatori carbone nuova caldaia GEFIA lato collettore	grafite	35 x 9,8 x 7,8	100	
221	Dosatori carbone nuova caldaia GEFIA lato anelli	metalcarbon.	20 x 20 x 8	100	
222	Pompa alimento KLEIN - 70 tonn.	metalcarb.	25 x 38 x 22	50	
223	Ventilatori aspiranti nuova caldaia GEFIA -collettore	grafite	25 x 30 x 5,8	1000	
224	Ventilatori aspiranti nuova caldaia GEFIA - anellitore	metalcarb.	25 x 30 x 20	70	

3708

1600

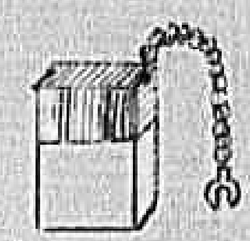
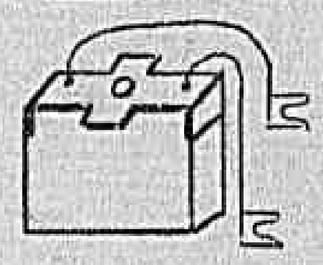
S.G.E.S. - Centrale di Avo[illegible] -

Numero di Catal.	Destinazione della spazzola	Qualità	Misure m/m.	Quantità N°	
301	Eccitatrice B. BOVERI 4° gruppo - 115 V. 263 A.	elettrogr. K R I	30 x 30 x 15	100	
302	Alternatore B.BOVERI 4° gruppo - KVA 3100 5000/5500/115 V.	grafite GLE 3	30 x 30 x 30	60	
303	Dinamo carica accum. 140/225 V. 40/25 A.	elettrog.	40 x 25 x 10	100	
304	2 eccitatrici separ. B/ BOVERI = 110 V. 1050 A.	grafite	65 x 30 x 22	100	
305	2 alternatori c.s. B. BOVERI - KVA 1750 5250/110 V. 192 A.	bronzocarb. BR W	60 x 30 x 30	100	
306	Motore officina	ramecarb.	25 x 21/14 x 16	50	
307	Dinamo Telefunken	raemgraf.	25 x 16 x 8	50	
308	Gruppo tensione ano_ dica: dinamo	elettrogr.	30 x 13 x 10	50	

3707

610

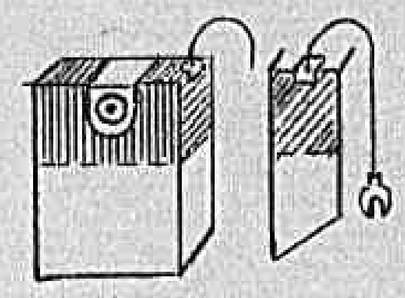
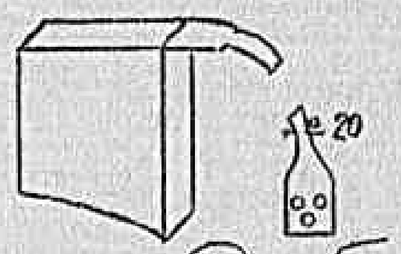
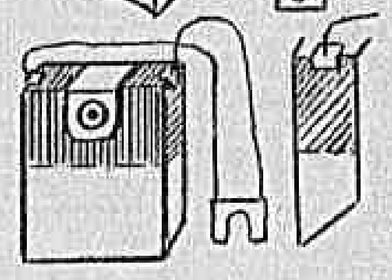
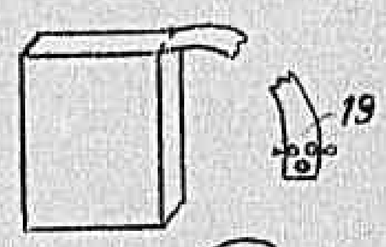
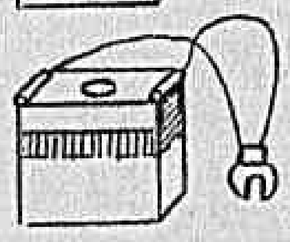
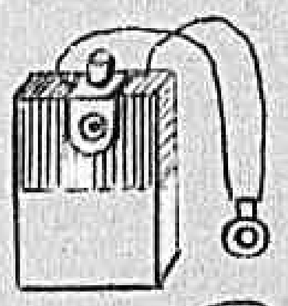
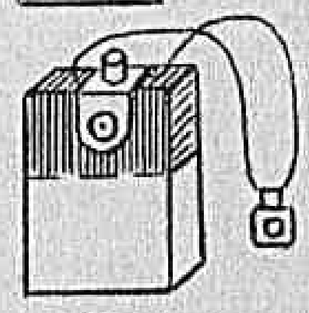
S.G.E.S.- Centrale di Avola.-

Numero di catalogo	Destinazione della spazzola	Qualità	Misure m/m	Quantità N°	
309	Gruppo tensione anodica : motore	carbone	20 x 13 x 10	50	
310	Eccitatrice alternatore n.3	elettrog. K R 1	30 x 30 x 20	100	

3706

150

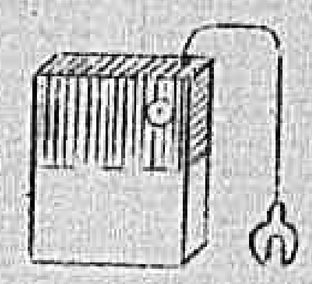
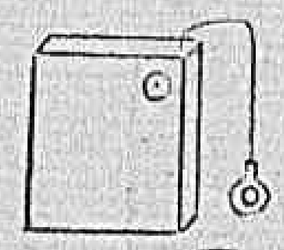
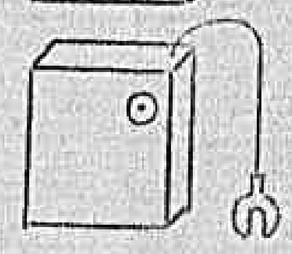
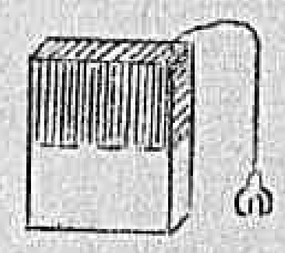
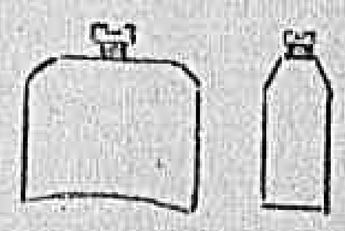
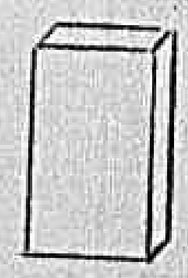
S.G.E.S. - Centrale di Catania.-

Numero di Catalogo	Destinazione delle spazzole	Qualità	Misure m/m.	Quantità N°	
401	Commutatrice gruppo A.E.G. - 3° e 4° 500/600 V. 1000/835A.	grafite	60,5x56,5x8x9,5	300	
402	Alternatore gruppo A.E.G. - 3° e 4° KVA 500 ⟩ 470 A.	ramecarb. SCH	50,5/41,5x30x25	200	
403	Commutatrice gruppo A.E.G. - 1° e 2° 500/600 V. 1000/835A.	grafite	57/52x32x12,5	200	
404	Alternatore gruppo A.E.G. - 1° e 2° KVA 500 - 470 A.	ramecarb.	45 x 40 x 20	200	
405	Commutatrice gruppo GANZ - 130 V. 280 A.	grafite	19 x 20,5 x 20,5	200	
406	Alternatore gruppo GANZ = KVA 13000 10000/9500V.300A.	grafite	19 x 20,5 x 20,5	100	COME 405
407	Commutatrice gruppo C.G.E. 120 V. 400 A.	grafite	45 x 32 x 16	200	
408	Alternatore gruppo C.G.E. = KVA 14275 10000/9500V. 750 A.	grafite	45,5 x 32 x 19	100	

370

150

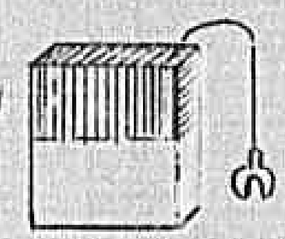
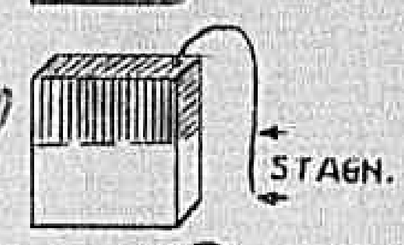
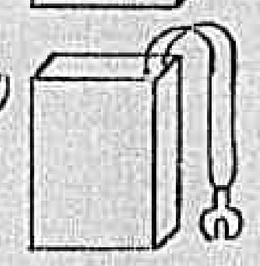
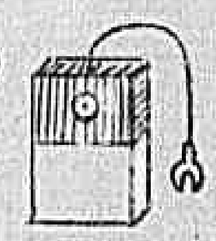
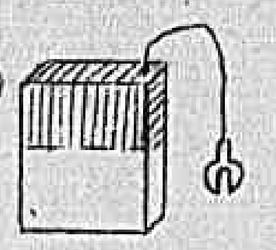
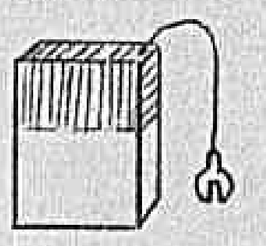
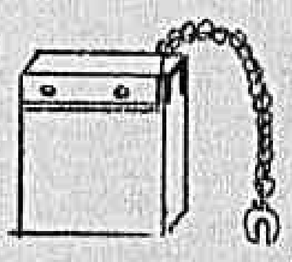
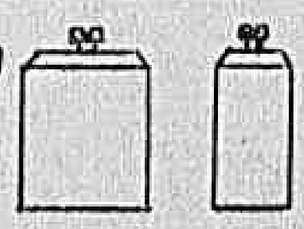
S.G.E.S. - Centrale di Catania -

Numero di catalogo	Destinazione della spazzola	Qualità	Misure m/m.	Quantità Nº	Schizzo
409	Commutatrice gruppo OERLIKON 150 V. 600 A.	grafite GL E 3	36 x 30 x 20	200	
410	Alternatore gruppo OERLIKON-kVA 8580 10000/150V 495 A	grafite GL E 3	36 x 30 x 20	100	COME 409
411	Motore MARELLI trif. a collettore	ramecarb.	35 x 32 x 8	100	
412	Motori aspiranti 1,2,e 3a caldaia	elettrog. EG 1	37 x 32 x 19	300	
413					
414	Motore aspirante 4a caldaia e ciclone	elettrog. P 19	38 x 32 x 13	200	
415	Motore SIEMENS pompa alimento	bronzocarb.	30 x 35 x 12	50	
416	Motore pompa alimento MARELLI/RIVA	bronzocarb.	50 x 25 x 15	50	

3704

1000

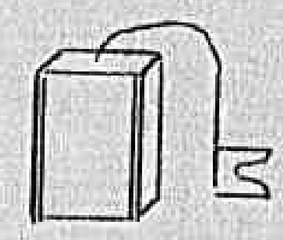
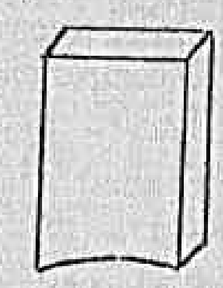
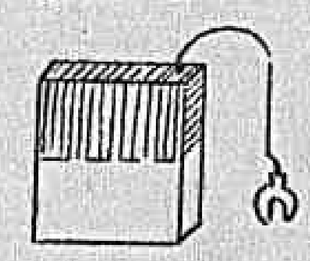
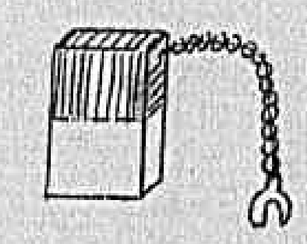
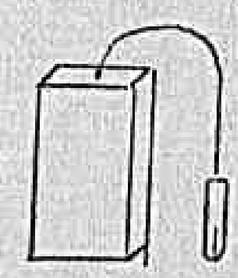
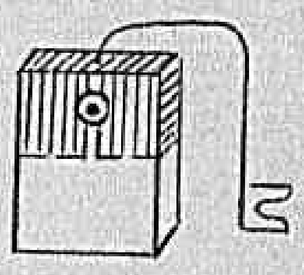
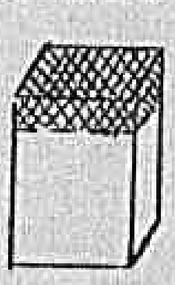
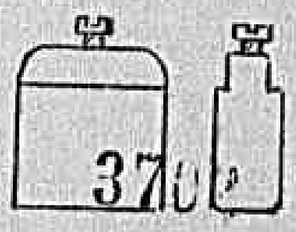
S.G.E.S. - Centrale di Catania -

Numero di catalogo	Destinazione della spazzola	Qualità	Misure m/m.	Quantità Nº	Schizzo
417	Motore gruppo carica accumulatori	elettrogr. EG 1	35 x 30 x 15	100	
418	Motori griglia caldaia 1° e 2°	carbone	29 x 31,5 x 6,5	200	
419	Motori molino 4° caldaia	ramegraf. W G II	31,5x25x12,8	200	
420	Dinamo TELEFUNKEN per telefono	elettrogr.	25 x 16 x 8	50	
421	Motore ventilatore aspirante caldaia Babcock's m4.1064	grafite G L B	36,4x31,6x12,5	200	
422	Motore griglia 3° caldaia	grafite GL E	40x31,5 x 8	100	
423	Motore MARELLI ventil.soff. 3° cal.	ramegrafit. 29 B	38 x 25 x 12,5	100	
424	Motore C.G.E. ventilat. soff. 3° cal.	bronzocarb. BR W	35 x 25 x 12,5	100	

3703

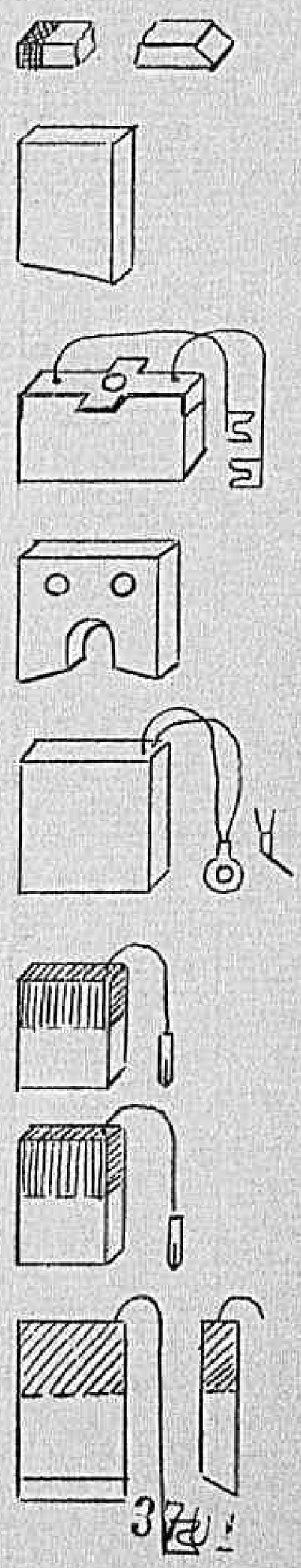
1050

S.G.E.S. - Centrale di Catania

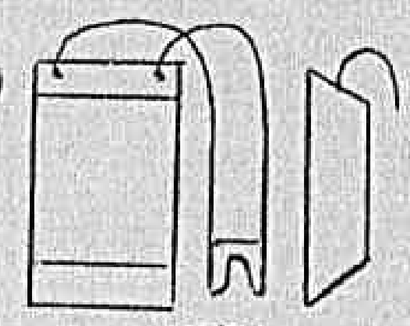
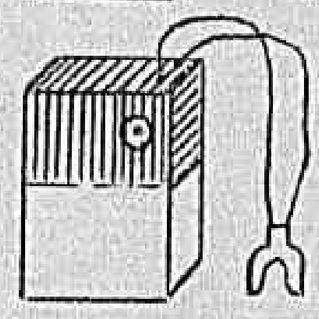
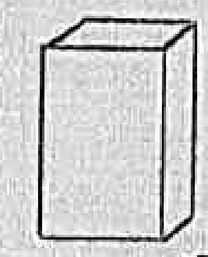
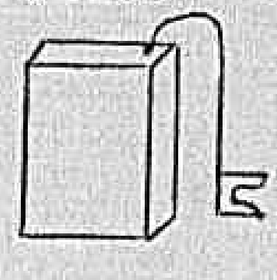
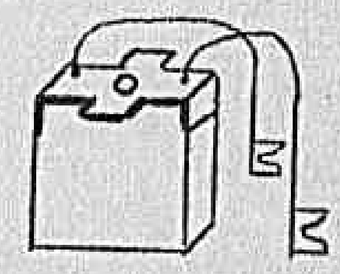
Numero di Catalogo	Destinazione della spazzola	Quantità	Misure m/m.	Quantità N°	Schizzo
425	Eccitatrice ausiliaria turbo n°1	elettrogr.	16x9,6x7,9	100	
426	Motore gruppo carica batterie segnalazioni	ramecarb.	50 x 25 x 15	100	
427	Ventilatore secondario caldaia Babcock's	elettrogr. E G 1	38x31,6x12,5	50	
428	Convertitrice anodica lato A.T.collet.	carbone	20 x12,8x 10	100	
429	Convertitrice anodica lato B.T. collet.	ramegraf.	30 x 12,8x 9,8	100	
430	Gruppo TELEFUNKEN carica batterie stazione radio	elettrogr.	30 x 20 x 10	100	
431	Motore C.G.E. circolazione condensatore	tela rame	55 x 25 x 25	50	
432	Pompa circolazione raffredamento	ramecarb.	35 x 22 x12/10	50	

S.G.E.S. - Centrale di Ca[illegible]nia.-

Numero di catalogo	Destinazione della spazzola	Qualità	Misure m/m.	Quantità Nº	Schizzo
433	Motore C.G.E. pompa vapore condensato	tela rame	115 x 14 x 8	50	
434	Motore pompa circol. turbo nº 2	ramecarb.	41/36,6x30x15	50	
435	Motore B. Boveri 240 HP pompa alimento cald.	ramecarb.	25 x 38 x 22	50	
436	Motori dei distillatori	ramecarb.	30 x 35x14,5	50	
437	Motori ventilatori soffianti 1º-2º cal.	ramegraf.	40 x 40 x 20	100	
438	Motori sollevamento della gru a ponte	carbone	30 x 25 x 10	50	
439	Motori traslazione della gru a ponte	carbone	35 x 25 x 8	50	
	SINCRONO C.G.E.				
440	Dinamo eccit.ausil. 110 V. 20 Amp.	elettrogr.	60/57x32x12,8	100	



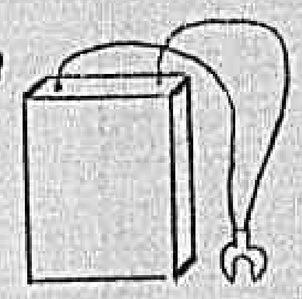
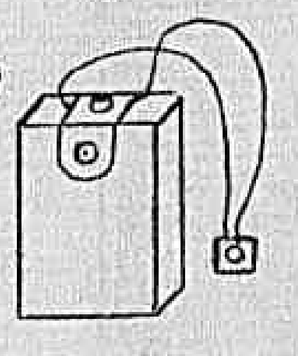
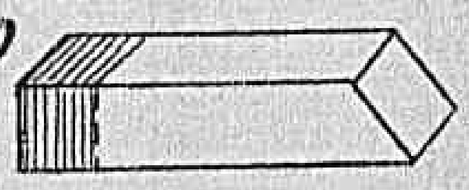
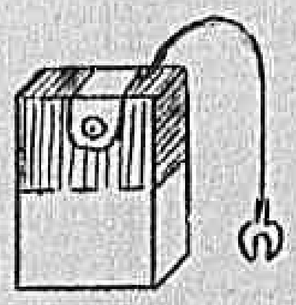
S.G.E.S. - Centrale di Catania.-

Numero di Catalogo	Destinazione della spazzola	Qualità	Misure m/m.	Quantità Nº	Schizzo
441	Commutatrice 110 V. 455 Amp.	elettrogr.	55/40 x 32 x16	100	
442	Alternatore 10500 V. 440 Amp.	grafite	55 x 32 x 40	50	
443	Anelli motore avviamento	ramecarb.	55 x 25 x 25	50	
444	Dinamo eccitatrice 16 V. 375 Amp.	ramegraf.	30 x 25 x 16	100	
445	Motore B. BOVERI pompa circolazione condensatore 3°	ramecarb.	30 x 30 x 30	50	

350

3700

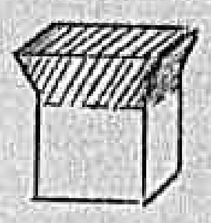
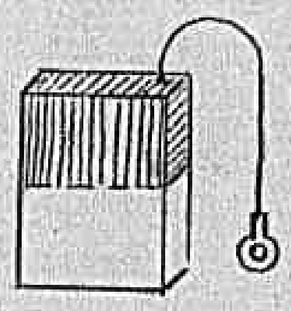
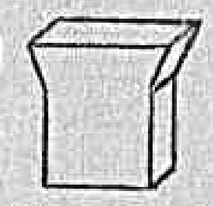
S.C.E.S. - Centrale di Trapani -

Numero di catalogo	Destinazione della spazzola	Qualità	Misure m/m.	Quantità N°	Schizzo
501	Eccitatrice A.E.G. 115 V. 165 A.	grafite	55 x 31,8 x 12	100	
502	Alternatore A.E.G. kVA 850 - 158 A. 3100/115 V.	grafite	50 x 40 x 19	50	IDEM C.S
503	Eccitatrice A.E.G. 115 V. 122 A.	grafite	55 x 31,8 x 12	100	IDEM C.S
504	Alternatore A.E.G. kVA 500 - 93 A. 3100/115 V.	metalcarb.	50 x 40 x 19	50	IDEM C.S
505	2 dinamo F.Tosi 550 V. 273 A.	grafite	55 x 31,8 x 12	100	
506	2 motori converter F. Tosi	tela rame	70 x 32 x 25	100	
507	Eccitatrice converter C.G.E. - 115 V. 21 A.	elettrof.	55 x 31,8 x 9	100	
508	converter C.G.E. 3100/115 V. 331 A.	elettrog.	40 x 25 x 15	100	IDEM C.S

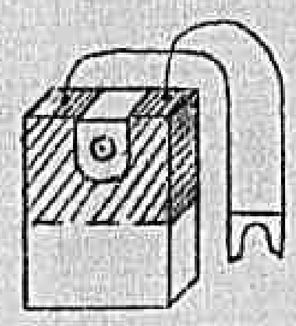
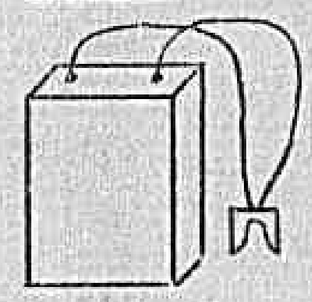
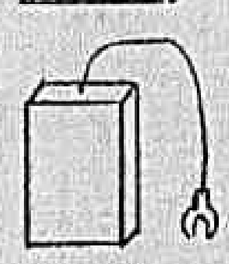
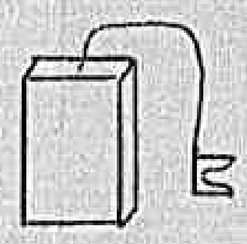
3694

700

S.G.E.S. - Centrale Alcantara I° Salto -

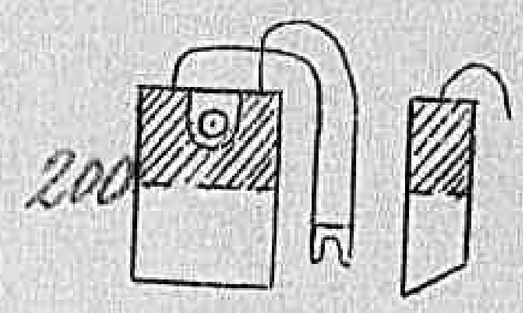
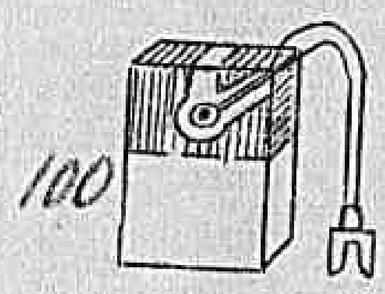
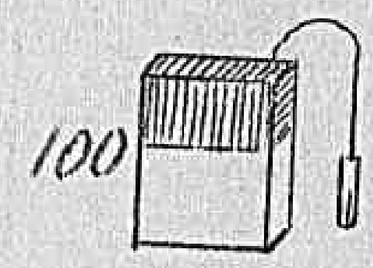
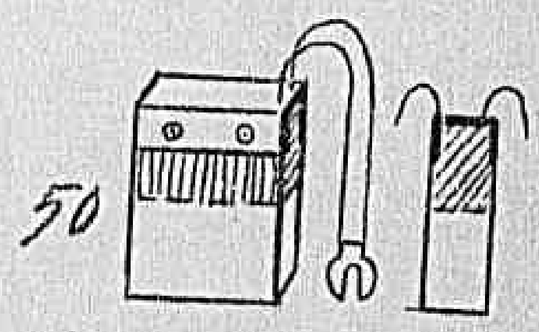
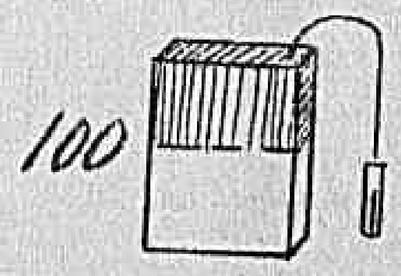
Numero di catalogo	Destinazione della spazzola	Qualità	Misure mm.	Quantità N°	Schizzo
601	4 eccitatrici coass. Off.Savigliano 70 V. 300 A.	grafite GL B	27 x 20 x 18/15	200	
602	4 alternatori c.a. Off.Savigliano kVA 1200 5500/70 V.	grafite GL B	27 x 20 x 18/15	100	IDEM C.S.
603	Dinamo MARELLI carica accumulatori 150 V. 29,3 A.	elettrograf. E.G. 3	40 x 30 x 10	50	
604	Motore officina	ramocarb.	20 x 20/14 x 16	50	

S.G.E.S. - Centrale Alcantara IIIº Salto -

Numero di catalogo	Destinazione della spazzola	Qualità	Misure m/m.	Quantità Nº	Schizzo
701	2 eccitatrici A.E.G. 110 V. 1058 A.	grafite GL. B	60 x 32 x 21,5	100	
702	2 alternatori A.E.G. kVA 1725 + 253 A. 5250/110 V.	elettrograf. EB 91	70 x 40 x 32	50	
703	Dinamo carica accum.	carbone	25 x 15,5 x 8	100	
704	Dinamo TELEFUNKEN	elettrograf.	25 x 16 x 8	100	

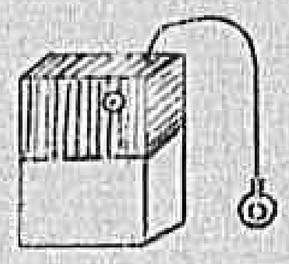
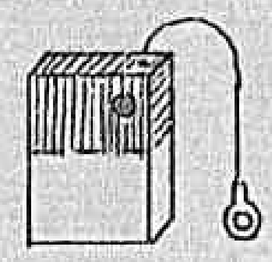
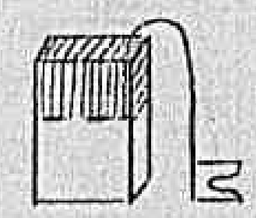
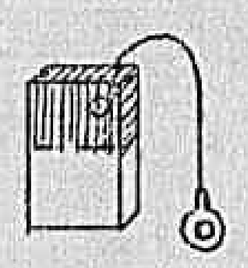
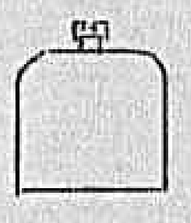
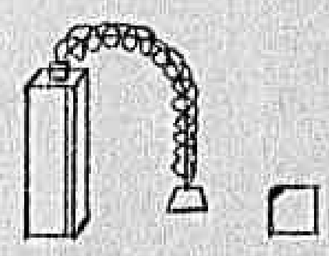
250 369

CENTRALE DI CASUZZE (Villarazia) I° e II° Salto del Belice

Numero di catalogo	Destinazione della spazzola	Qualità	Misure mm.	Quantità N°	schizzo
	I° Salto del Belice				
801	3 eccitatrici coass. G.E. Amer. 125 V. 160 A	elettrogr.	64/60x31,8x19	200	
802	3 alternatori coass. G.E. Amer. - kVA 3500 10000/125 V. 160 A.	grafite GL C 300	60 x 31,8 x 19	100	
803	Dinamo TOSI carica accumulatori 150/220 V. 35/43 A.	elettrogr.	35 x 24 x 10	100	
	II° Salto del Belice				
804	Alternatore C.G.E. kVA 500 10000/125 V. 50 A.	grafite GL B	35 x 24 x 12	50	
805	Eccitatrice C.G.E. 125 V. 50 A.	elettrogr.	35 x 24 x 10	100	

550 360

S.G.E.S. - Centrale di Carlo -

Numero di catalogo	Destinazione della spazzola	Qualità	Misure mm.	Quantità Nº	Schizzo
901	3 alternatori MARELLI 3050 kVA - 168 A. 10500 V.	elettrogr. KR 1/a	40 x 30 x 20	100	
902	3 eccitatrici MARELLI 90 V. 200 A.	c.s. KR 1/a	40 x 30 x 15	200	
903	gruppo MARELLI carica accumulatori	elettrog. KR 1/a	30 x 20 x 10	100	
904	Convertitr.OMEGA lato c.a.	elettrogr.	30 x 25 x 8	100	
905	Convertitr.OMEGA lato c.a.	ramecarb.	20 x 20 x 8	100	
906	Motore MARELLI varia giri turbine	elettrog.	30 x 7,8 x 7,8	50	
907	Dinamo SIEMENS p.accum. motore Diesel			100	

750

List No. 1 – Power Plants.

LIST OF MATERIALS THAT IS WANTED FOR HYDRO AND STEAM PLANTS C
FOR SIX MONTHS OF OPERATING. Jan 1 – June 30, 1945.

Paler

1) – Oil for steam turbine at 3000 r.p.m. Lowered in Sep. plants A, It
(two good oils are:
D.T.E. light and I.T.E. Heavy Medium both of Vacuum Oil Co. the Engler number of those oils, at a temperature of 50° C is about 2,7 for the first and 4,5 for the second. Any other corresponding oils could be used) Tons

2) – Oil for drives over 750 r.p.m.
(3,5 to 5,5 Engler number) at 50°C Tons

3) – Oil for drives under 750 r.p.m. Opr. Temp. 62°C.
(5,5 to 10 Engler number) at 50°C. Tons

4) – ~~Cylinder~~ Cylinder Oil or Equiv.
Very good the S.V. Cylrex Oil A of Vacuum oil Co. Tons

5) – ~~Jellow~~ Yellow grease – ~~consistent~~ Soda-Soap type
Very good: Tons

Gargoyle Sponge grease Medium
or equal
Gargoyle Voco Grease C. # 3

6) – Cotton waste white or ~~coloured~~ Colored Tons

List No. 1 – Power Plants.

LIST OF MATERIALS THAT IS WANTED FOR HYDRO AND STEAM PLANTS OF "SOCIETA' GENERALE ELETTRICA DELLA SICILIA" FOR SIX MONTHS OF OPERATING. Jan 1 – June 30, 1945.

25-Maj 1944

Corrected on Dep. Chiefs A. It

		Palermo	Catania	P. Empedocle	Hydro	Total
l for steam turbine at 3000 r.p.m. two good oils are: .T.E. light and I.T.E. Heavy Medium both of Vacuum Oil Co. the Engler number of those oils, at a temperature of 0° C is about 2,7 for the first and 4,5 for the second. ny other corresponding oils could be used)	Tons	3	3	3		9
l for drives over 750 r.p.m. ,5 to 5,5 Engler number) at 50°C Opr. Temp. 62°C.	Tons	2	2	1	1	6
for drives under 750 r.p.m. 5 to 10 Engler number) at 50°C. Cylinder ~~under~~ Oil or Equiv.	Tons	2	2	1	1	6
y good the S.V. Cylrex Oil A of Vacuum oil Co.	Tons	1	1	1		3
low ~~ow~~ grease – Soda-Soap ~~consistent~~ type	Tons	3	1	1	1	6
good: Gargoyle Sponge grease Medium or equal Gargoyle Voco Grease C. #3						
on waste white or Colored ~~coloured~~	Tons	1	1	1	1	4

			Palermo	Catania	P. Empedoc.
7) - Belt drive leather or other material -					
breadth 4"	thickness 1/4" (6m.m) Double ply.	feet	50	50	-
breadth 2"	" (5 m.m.) single ply.	"	-	100	-
breadth 1" 1/2	" (4 m.m) single ply.	"	50	50	50
8) - Nails for carpenter					
lenghth 4" 20d.		lbs	50	50	50
lenghth 3" 10d.		"	50	50	50
lenghth 2" 6d.		"	200	200	200
9) - Insulating material for recovering steam tubes. (we want to cover about 2000sq.feat of pipes surface). We can use ~~asbestos~~ Asbestos in powder kneaded and covered with cotton bolt ~~and glue starch.~~ Cotton Sizing			4 T. 2500 □'		
10)- Copper wire for motor windings with double spiral cotton covering					
diameter 1/32"		lbs	500	100	-
diameter 3/32"		"	250	100	-
diameter 1/8"		"	100	100	-
11)- ~~Flat~~ Rectangular copper wire with rounded ~~ends~~ Corners and with double spiral cotton covering.					
	3/64" x 5/32"	lbs	250	-	-
	1/16" x 15/64"	"	250	-	-
12) - ~~Mica in sheet~~ Sheet Mica		lbs	10	10	10

3693

		Palermo	Catania	P. Empedoc.	Hydro	Total
ather or other material -						
thickness 1/4" (6m.m) Double ply.	feet	50	50	-	50	150
" (5 m.m.) single ply.	"	-	100	-	-	100
" (4 m.m) single ply.	"	50	50	50	-	150
penter						
nghth 4" 20d.	lbs	50	50	50	200	350
nghth 3" 10d.	"	50	50	50	100	250
nghth 2" 6d.	"	200	200	200	400	1000
aterial for recovering steam tubes.		4 T.				
cover about 2000sq.feat of pipes sur_						
an use ~~ashostos~~ Asbestos in powder kneaded and						
n cotton bolt ~~and glue starch.~~ sizing		2500 □'				
for motor windings with double spiral						
ing						
ameter 1/32"	lbs	500	100	-	-	600
ameter 3/32"	"	250	100	-	-	350
ameter 1/8"	"	100	100	-	-	200
wire with rounded ~~ones~~ Corners and with double						
n covering.						
3/64" x 5/32"	lbs	250	-	-	-	250
1/16" x 15/64"	"	250	-	-	-	250
Mica ~~pet~~	lbs	10	10	10		20

		Palermo	Catania	P.Emped
13) - Cloth tape for insulating conducting wire				
width ~~breadth~~ 1"	feet	6000	6000	6000
" 1" 3/16	"	6000	6000	6000
14) - Friction tape 3/4" wide	lbs	100	100	100
15) - Varnish cambric tape				
breadth 3/4" - 1" 1/4 - 2"	lbs	50	50	50
16) - Insulating varnish for winding G.E. or W.E. Mfg. Co. std.	lbs	50	50	50
17) - Radial Ball bearing:				
Ext. ~~ext.~~ diam. - int. diam. - width				
mm. 110 - 50 - 27		6		
" 120 - 60 - 23		12		
" 140 - 60 - 33		6		
" 72 - 30 - 19		6		
" 62 - 35 - 25		12		
Radial ball bearing:				
Ext. ~~ext.~~ idam. - int. diam. - width				
mm. 200 - 95 - 45		-	-	8
" 340 - 160 - 114		-	-	8
18) - Steel ~~Stael~~ balls for a special thrust ~~trust~~ bearing				
~~X~~ 2" diam	#	-	-	60

		Palermo	Catania	P.Empedoc.	Hydro	Total
insulating conducting wire						
1"	feet	6000	6000	6000	2000	20.000
1" 3/16	"	6000	6000	6000	2000	20.000
3/4" wide	lbs	100	100	100	100	400
ape						
3/4" - 1" 1/4 - 2"	lbs	50	50	50	50	for each size
h for winding G. E. or W.E. Mfg. Co. std.	lbs	50	50	50	100	250
ing:						
t. diam. - width						
50 - 27		6				
60 - 23		12				
60 - 33		6				
30 - 19		6				
35 - 25		12				
ring:						
t. diam. - width						
95 - 45		-	-	8	-	8
160 - 114		-	-	8	-	8
a special ~~trust~~ thrust bearing						
am	#	-	-	60	-	60

		Palermo	Catania	P.Empe
19) - Thrust bearing: ~~est.~~ Ext. diam. - int. diam. - width				
mm. 148 - 100 - 42	Number ##	24		
" 110 - 40 - 79	" #	12		
" 120 - 50 - 55	" #	6		
20) - ~~Pipes in brass~~ Condenser Tubes brass Admiral type for ~~marine condenses:~~ Salt water service ~~est.~~ Ext. diam. - int. diam. - length				
mm. 19 - 17 - 4577] App. 15-2-44.	#	-	4.000	-
" 25 - 23 - 4655]	#	-	4.000	-
21) - Seamless boiler tubing:				
external diameter mm. 102				
interior " " 98 0.18 thick				
length " 5.500	#	200	50	-
22) - ~~Par~~ Pure tin	lbs	50	50	2
23) - White metal for bearings (Babbit)	lbs	250	250	10
24) - Stainless steel in bars of 3" diameter (for repair the valves of boilers)	feet	5	5	-

3692

		Palermo	Catania	P.Empedoc.	Hydro	Total
t. diam. - width						
100 - 42	Number #	24				
40 - 79	" #	12				
50 - 55	" #	6				
Salt water service						
miral type for ~~marine condenses~~:						
t. diam. - length						
17 - 4577 App. 15-2-44.	#	-	4.000	-	-	4.000
23 - 4655	#	-	4.000	-	-	4.000
ubing:						
eter mm. 102						
" 9B 0.18 thick						
" 5.500	#	200	50	-	-	250
	lbs	50	50	25	25	150
bearings (Babbit)	lbs	250	250	100	200	800
in bars of 3" diameter (for repair ilers)	feet	5	5	-	-	10

		Palermo	Catania	P.Empe
26) - Caustic soda for treatment of boiler feed water	tons	1	2	
Trisodium phosphate $Na_3PO_4 + 12H_2O$ 26) - ~~Sodium triphosphate ($P_4O_{10}H_3 + 12 H_2O$)~~ for feed water treatment .				
(It is possible that Montecatini Co. had this material in his manifactory of Cotrone in Calabria).	tons	2	3	
27) - Calcium carbide	Lbs	1.000	1.500	5
28) - Welding rods				
# 6 (mm. 5)	#	500	500	5
# 8 (mm. 4)	#	500	500	5
# 10 (mm.3.3)	#	2.000	2.000	1.0
# 12 (mm.2.6)	#	2.000	2.000	1.0
29) - Boards length about ~~4 meters~~ 13 Feet				
~~tickness~~ thickness 1"	sq.feet	1.000	1.000	
" ~~1" 1/2~~ 1½" or 2"	" "	500	500	
30) - Asbestos sheet ~~gasket~~ gasket (for steam joints):				
tickness ~~mm.~~ cm 1½	sq.feet	100	100	
" ~~"~~ cm 3	" "	100	100	
31) - Special gasket for boiler (seeenclosed designe N.1)	#	3.000	2.000	1.0
		500	500	5

No 2

See att. Diagrams.

		Palermo	Catania	P.Empedoc.	Hydro	Total
or treatment of boiler feed water	tons	1	2	1	-	4
osphate $Na_3PO_4 + 12H_2O$ ~~phate ($PO_4Na_3 + 12H_2O$)~~ for feed water						
e that Montecatini Co. had this material ctory of Cotrone in Calabria).	tons	2	3	2	-	7
e	Lbs	1.000	1.500	500	500	3.500
(mm. 5)	#	500	500	500	-	1.500
(mm. 4)	#	500	500	500	-	1.500
(mm.3.3)	#	2.000	2.000	1.000	-	5.000
(mm.2.6)	#	2.000	2.000	1.000	-	5.000
about ~~4 meters~~ 13 Feet						
s 1"	sq.feet	1.000	1.000	500	2.000	4.500
~~1" 1/2~~ 1½" or 2"	" "	500	500	500	500	2.0[illegible]
gasket ~~gasket~~ (for steam joints):						
CS mm. 1½	sq.feet	100	100	100	-	300
" 3	" "	100	100	100	-	300
for boiler	#	3.000	2.000	1.000	-	6.000
designe N.1)		500	500	500		1500

No 2
Diagrams.

		Palermo	Catania	P.Empedoc.	Hydro
32) - Asbestos ~~rope~~ rope for packing:					
ø 5/16	lbs	50	50	50	-
ø 5/8"	"	50	50	50	-
ø 2"	"	200	200	100	-
33) - Square asbestos graphite packing:					
size 3/16" - 5/16" - 7/16"	feet	250	250	250	-
size 5/8" - 3/4"	"	100	100	100	-
34) - Rust proof varnish (Red oxide) (to use with point-brush)	lbs	200	200	200	500
35) - ~~Varnish~~ Point for metal:					
black	lbs	300	300	200	200
grey	"	300	300	200	200
36) -Tar ~~pairper~~ paper (to protect the roofs of barracks) (with special weils for this)	sq.feet	1.000	1.000	-	5.000
37) - High speed tool steel					
1/2" x 1/2"	feet	5	5	5	5
3/4" x 3/4"	"	5	5	5	5
38) - Hexagonal chisel steel:					
1"	feet	10	10	10	10
3/4"	"	10	10	10	10

		Palermo	Catania	P.Empedoc.	Hydro	Total
g:	lbs	50	50	50	-	150
	"	50	50	50	-	150
	"	200	200	100	-	500
e packing:						
7/16"	feet	250	250	250	=	for each size
	"	100	100	100	=	" " "
d oxide)	lbs	200	200	200	500	1.100
h)						
	lbs	300	300	200	200	1.000
	"	300	300	200	200	1.000
	sq.feet	1.000	1.000	=	5.000	7.000
of barracks)						
e this)						
	feet	5	5	5	5	20
	"	5	5	5	5	20
	feet	10	10	10	10	40
	"	10	10	10	10	40

		Palermo	Catania	P.Empe
39) - Twist drills:				
mm. 2 - 2,5 - 3 - 3,5 - 4 - 4,5 - 5 - 5,5 - 6	#	12	12	
" 6,5 - 7 - 7,5 - 8 - 8,5 - 9 - 9,5 - 10	"	24	24	
" 10,5 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 20	#	12	12	
" 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30	"	6	6	
40) - Taps - all sizes between 1/8" and 1-1/2"	"	12	12	
41) - Bolts and nuts - length about 2" - 3/8" - 1/2" - 5/8" 3/4" - 7/8" - 1"	lbs	200	200	
42) - Thermometers scale 60 to 550° C	N.	6	6	
" " 0 to 150° C	"	25	25	
43) - Edison base bulbs - V. 150:				
W 40	N.	125 ~~250~~	125 ~~250~~	
W 60	"	125 ~~250~~	125 ~~250~~	
W 1000	"	50 ~~100~~	105 ~~110~~	
W 3000	"	25 ~~50~~	25 ~~50~~	
44) - Edison base sockets	N.	250	250	
45) - Hack saw blades for metal doz. 12"	N.	25	25	
46) - Files of various size between				
Flat Bastard 8" to 12" in 4" Finecut		12	12	
" " " " " " Rough cut		12	12	
Half Round " " " " Rough cut		12	12	
Round " " " " Fine cut		12	12	

		Palermo	Catania	P.Empedoc.	Hydro	Total
116:						
5- 3 - 3,5 - 4 - 4,5 - 5- 5,5 - 6	#	12	12	12	12	for each size
7-7,5 - 8 - 8,5 - 9 - 9,5 - 10	"	24	24	24	24	" " "
11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19	#	12	12	12	12	" " "
2 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30	"	6	6	6	6	" " "
- all sizes between 1/8" and 1-1/2"	"	12	12	12	12	" " "
nuts ⊣ length about 2" - 3/8" - 1/2" - 5/8" " - 1"	lbs	200	200	100	100	" " "
rs scale 60 to 550° C	N.	6	6	6	-	18
" 0 to 150° C	"	25	25	25	25	100
e bulbs - V. 150:						
40 W	N.	125 ~~250~~	125 ~~250~~	125 ~~250~~	125 ~~250~~	500 ~~1.000~~
60 W	"	125 ~~250~~	125 ~~250~~	125 ~~250~~	125 ~~250~~	500 ~~1.000~~
100 W	"	50 ~~100~~	105 ~~110~~	50 ~~100~~	50 ~~100~~	200 ~~400~~
200 W	"	25 ~~50~~	25 ~~50~~	25 ~~50~~	25 ~~50~~	100 ~~200~~
sockets	N.	250	250	250	250	1.000
~~ates~~ CS for metal doz. 12"	N.	25	25	25	25	100
cious size between						
stard 8" to 12" in 4" Finecut		12	12	12	12	48
" " " " " Rough cut		12	12	12	12	48
nd " " " " Rough cut		12	12	12	12	48
Fine cut		12	12	12	12	48
" " " "		12	12	12	12	48

		Palermo	Catania	P.Empedo
47) - Emery cloths: size 00 - 0 - 1- 2 - 3 - 4 -	sheets	200	200	2
48) - Square packing for pumps hot water service:				
size 1/2"	lbs	50	50	
" 3/4"	"	50	50	
49) -				
49) - White lead	lbs	100	100	1
50) - Tar (omit)	tons	1	1	
51) - Pitch tar (omit)	tons	1	1	
52) - Oakum (Caulking Compound)	lbs	50	50	
53) - Rubber hip boots for water works Size 10	N.	6	6	
54) - Water-proof over-coat type for sailor Size 38	N.	6	6	
55) - Gauge Gange glasses for boilers at 40 Kg/cmq. = 570 lbs/sq.inc				
ext.diam - length				
14 mm. - 425 mm.	N.	-	100	-
17 " - 420 "	"	100	-	-
20 " - 430 "	"	50	-	-

		Palermo	Catania	P.Empedoc.	Hydro	Total
	sheets	200	200	200	200	for each size
umps hot water service:						
	lbs	50	50	50	50	200
	"	50	50	50	50	200
	lbs	100	100	100	100	400
	tons	1	1	1	10	13
	tons	1	1	1	10	13
Compound)	lbs	50	50	50	100	250
r water works Size 10	N.	6	6	6	36	54
at type for sailor Size 38	N.	6	6	6	24	42
oilers at 40 Kg/cmq. = 570 lbs/sq.inc						
length						
425 mm.	N.	=	100	=	=	100
420 "	"	100	=	=	=	100
430 "	"	50	=	=	=	50

		Palermo	Catania	P.Empedoc.
56) - Motor brushes (see enclosed list) See diags. att.	N.			
57) - Flash-ligth 2-cell	N.	6	6	6
Bulbs for 2-cell Flashlights		20	20	20
58) - Batteries for flash-ligth	N.	18	18	18
59) - Carbide lamps, Miners Type	N.	6	6	6

losed list) See diags. att.

11
e 11 Flashlights
ih

ers Type

	Palermo	Catania	P.Empedoc.	Hydro	Total
N.					
N.	6 20	6 20	6 20	24 20	42 80
N.	18	18	18	72	126
N.	6	6	6	12	30

THIS MATERIAL IS WANTED FOR THE RADIO STATIONS SIEMENS AND TELEFUNKEN INSTALLED IN THE POWER PI
PRINCIPAL SUBSTATIONS OF THE HIGH-TENSION SISTEM.-

A) For Siemens Stations

1°) Radio tubes Siemens Ca

2°) " " " Ba

3°) " " " Da

For these tubes we do not know the characteristics.

4°) Resistance in Vacuum type EW 1106 with mignon screw cap. Volta 6 to 17 Amp. 1,1

5°) Radio rectifier tubes monoplate Telefunken R.G.N. 1404 with the following characte_ stics: european screw cap, tension of filament 4 Volts, highest tension to the pla_ te 800 Volts, continuos current 0,1 Amp.

Paper
~~Poper~~ condensors

6°) Capacity 0,5 MF - test tension 1.000 Volts

7°) " 1 MF - " " 1.000 "

8°) " 3,5 MF - " " 1.000 "

9°) " 1 MF - " " 2.000 "

10°) " 3,5 MF - " " 3.000 " (4 on order) B-15-44

11°) " 4 MF - " " 3.000 " (4 on order) A-15-44

12°) Electrolytic condensors 1.500 MF - test tension 60 Volts

13°) Safety fuses with possibility of regerenstion (as sample)

a) 1,5 Amp.

b) 3 "

Spare
B) Spore material for telephon stations type Telefunken

IS MATERIAL IS WANTED FOR THE RADIO STATIONS SIEMENS AND TELEFUNKEN INSTALLED IN THE POWER PLANTS AND IN THE INCIPAL SUBSTATIONS OF THE HIGH-TENSION SISTEM.-

For Siemens Stations

1°) Radio tubes Siemens Ca	NO.	30
2°) " " " Ba	"	15
3°) " " " Da	"	7
For these tubes we do not know the characteristics.		
4°) Resistance in Vacuum type EW 1106 with mignon screw cap. Volta 6 to 17 Amp. 1,1	"	14
5°) Radio rectifier tubes monoplate Telefunken R.G.N. 1404 with the following characte_ stics: european screw cap, tension of filament 4 Volts, highest tension to the pla_ te 800 Volts, continuos current 0,1 Amp.	"	20 ← 6 on order app. 2-15-44

Paper
~~Paper~~ condensors

6°) Capacity 0,5 MF - test tension 1.000 Volts	"	10
7°) " 1 MF - " " 1.000 "	"	70
8°) " 3,5 MF - " " 1.000 "	"	35
9°) " 1 MF - " " 2.000 "	"	~~10~~
10°) " 3,5 MF - " " 3.000 " (4 on order) 2-15-44	"	~~10~~ 6
11°) " 4 MF - " " 3.000 " (4 on order) 2-15-44	"	~~10~~ 6
12°) Electrolytic condensors 1.500 MF - test tension 60 Volts	"	~~12~~ 6 (6 on order) 2-15-44.
13°) Safety fuses with possibility of regerenstion (as sample)		
a) 1,5 Amp.	"	25
b) 3 "	"	25

ore material for telephon stations type Telefunken

SOCIETA GENERALE ELETTRICA DELLA SICILIA
MATERIAL REQUIREMENTS OF GENERATING STATIONS
1 January - 30 June 1945
CARPENTER SUPPLIES

Sheet 1 of 1

Item No.	Item	Remarks	Unit	Total Required	Requirements Catania	Pa
	~~Lumber, yard~~ common					
C - 1	1in. X 6in. X 13ft.		Board feet	4500	1000	100
C - 2	2in. X 6in. X 13ft.	Not complete	Board feet	~~4000~~ 2000	~~1000~~ 500	~~100~~ 50
	Nails, Common					
C - 3	6 ~~#~~ penny		lbs.	1000	200	200
C - 4	10 ~~#~~ penny		lbs.	250	50	50
C - 5	20 ~~#~~ penny.		lbs.	350	50	50
C - 6	Paper, roofing (with special nails) usually furnished with roofing paper rolls	To patch building roofs.	sq. ft.	7000	1000	1000

30/5/44.

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS OF GENERATING STATIONS

1 January - 30 June 1945

CARPENTER SUPPLIES

Item	Remarks	Unit	Total Required	Requirements of Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
ber, yard mon							
. X 6in. X 13ft.		Board feet	4500	1000	1000	500	2000
. X 6in. X 13ft.	Not applicable	Board feet	~~4000~~ 2000	~~1000~~ 500	~~1000~~ 500	~~1000~~ 500	~~1000~~ 500
ls, Common							
~~#~~ penny		lbs.	1000	200	200	200	400
0 ~~#~~ penny		lbs.	250	50	50	50	100
0 ~~#~~ penny.		lbs.	350	50	50	50	200
~~ex~~ roofing ~~h~~ special nails ~~#~~ ually furnished th roofing ber rolls	To patch building roofs.	sq. ft.	7000	1000	1000	-	5000

SOCIETA GENERALE ELETTRICA DELLA SICILIA
MATERIAL REQUIREMENTS OF GENERATING STATIONS
1 January - 30 June 1945
BOILER ROOM SUPPLIES

Sheet 1 of 2

Item Number	Item	Remarks	Unit	Total Required	Requirements of E		
					Catania	Palermo	E
	Chemicals						
B - 1	Caustic Soda		Tons	4	2	1	
B - 2	Trisodium Phosphate ($Na_3PO_4 \cdot 12H_2O$)		Tons	7	3	2	
B - 3	Gauge Glasses	Maximum Steam Pressure: 40 Kg/cmg (570 lb./sq. in.)					
	14mm. O.D. X 425mm. Long (9/16 dia. X 17 in. Long)		ea.	100	100	-	
	17mm. O.D. X 420mm. Long. (11/16 dia. X 16 1/2 in. Long		ea.	100	-	100	

3687

30/5/44

SOCIETA GENERALE ELETTRICA DELLA SICILIA

MATERIAL REQUIREMENTS OF GENERATING STATIONS

1 January - 30 June 1945

BOILER ROOM SUPPLIES

	Remarks	Unit	Total Required	Requirements of Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
la	Not in port	Tons	4	2	1	1	-
		Tons	7	3	2	2	-
H_2O)							
ses	Maximum Steam Pressure: 40 Kg/cmg (570 lb./sq. in.) Not in port						
		ea.	100	100	-	-	-
ong X) X . X . Long		ea.	100	-	100	-	-

Sheet 2 of 2

Item Number	Item	Remarks	Unit	Total Required	Requireme Catania	P
	Gauge Glasses - Cont'd. 20mm. O.D. X 430mm. Long. (13/16 in. dia. X 17 in. Long)	Not Complete	ea.	50	-	
B - 4	Tubing, Seamless Steel. 102mm. O.D. 93mm. I.D. 5,500mm Long. (4in. O.D.-0.18 in. wall thickness X 18 ft.-0 in. Long.	Not complete	ea.	250	50	
B - 5	Steel, Stainless Bar Stock 3" Dia.	For valve seats. ~~To repair stems of steam valves~~	Ft.	10	5	

	Remarks	Unit	Total Required	Requirements of Each Plant			
				Catania	Palermo	Porto Empedocle	Hydro
sses - Cont'd.							
.D. X 430mm.	Not in port	ea.	50	-	50	-	-
in. dia. X Long)							
Seamless		ea.	250	50	200	-	-
O.D. 93mm 500mm Long. .D.-0.18 in. ickness X 0 in. Long.	Not in port						
Stainless ck 3" Dia.	For valve seats. ~~To repair stems of steam valves~~	Ft.	10	5	5	-	-

14°) Tubes type Telefunken REN 1

15°) " " " RV 222

Of all this material are absolutely necessary and urgent the following:

a) Telefunken tubes EGN 1404 (see n.5)

In substitution of these may be used with opportune modification the type 81 or of similar American construction (preferably with tension of filament non superior to 5 Volts.)

b) Electrolytic condensors (see n.12) 1500 mF-test tension 60 Volts

c) Poper condensors

3,5 mF (see n.10)

4 mF (see n.11)

ype Telefunken REN 1 " 20

" " RV 222 " 40

this material are absolutely necessary and urgent the following:

funken tubes EGN 1404 (see n.5) " 6

ubstitution of these may be used with opportune modification the type

r of similar American construction (preferably with tension of fila_

non superior to 5 Volts.)

trolytic condensors (see n.12) 1500 mF-test tension 60 Volts " 6

r condensors

mF (see n.10) " 4

mF (see n.11) " 4

Com Sec (P.W.&U)
U 9114

ALLIED CONTROL COMMISSION
SICILY REGION HQ.
APO 394

DAB/mm

25 May 1944

28 MAY Recd

094

In reply
refer to: RTC 411

Subject: Requirements January - July 1945

To : Public Works and Utilities Sub - Commission
Headquarters, Allied Control Commission
APO 394 U. S. Army
(Att: Lt. Col. Rhodes)

1. Reference ACC/094/PWU 21 May 1944 on above subject.

2. The Provveditore OO. PP. was asked to submit a list about three weeks ago but as yet it has been impossible to get the information from him. The following list is forwarded in order to avoid delay:

a. 10 Steam Rollers 8 - 12 Tons
b. 10 Stone Crushers 20 - 40 Cubic yards per day
c. 20 Concrete Mixers 7/5 hopper loading
d. 40 Concrete Mixers 1/2 cubic yard hopper loading
e. 1 Compressor truck with drills and all equipment for 2 operators.
f. 1 D.4. Angle Dozer
g. 1 3/8 Cubic yard excavator B/A with drag line equipment and crane attachment.
h. 1,000 Wheel Barrows (Steel) (2 Cubic Feet)
i. 1,000 Picks
j. 1,000 Shovels
k. 2,000 Spades
l. 40 Motor Lorries 3 - 6 Tons.

For the Regional Commissioner:

DAVID A. BOYD
Major, R.E.
Chief, Public Works
Section.

HEADQUARTERS
29 MAY 1944
A. C. C.

28 May
125

368

136

MINISTERO DELLE CORPORAZIONI
UFFICIO STUDI E RICERCHE

PRINCIPALI PRODOTTI DELLE MINIERE E DELLE CAVE

PRINCIPALI PRODOTTI DELLE MINIERE

E DELLE CAVE

Mese di .....

La Freccia - Roma - Ord. 35 (2000)

ATTN:
Diane Dimkoff/ Must see!
Stack #6, to Review!
& Sign & Xerox (3)
Artifacts, etc...
~~Please~~ (Diane)
Call x 763-7440
or -1916
(dms)