ACC 102/PWU

10000/150/386
(VOL. II)

REHAB
NOV. 19

10000/150/386
(VOL. II)

REHABILITATION, INDUSTRIES
NOV. 1944 - OCT. 1945

102/PWU

REHABILITATION - INDUSTRIES

	REFERRED TO		DEALT WITH		Folio No.	REFERRED TO		DEALT WITH	
	Name or Appointment	Date	Initials	Date		Name or Appointment	Date	Initials	Date
3	Director Col Logan	20/7 21/7	EJC R	21/7 21/7	43 43	Director Col Spann Coll'n	8/10	EJC wmb	9/10 14/10

VOL. II

2 November 1944

VOL. II

Opens 8- November- 1944

Closed 30- October- 1945

10000 / 150/386

THIS FOLDER
CONTAINS PAPERS
FROM NOV - 1944
TO OCT - 1945
CATALOGUE -

102

1788

86-12

MINISTERO DELLE CORPORAZIONI

1ª DIVISIONE INDUSTRIA

86-12

Consorzio fra i produttori dell'agricoltura

Foggia

Richiesta autorizzazione acquisto macchine calcolatrici

a mano del tipo "Triumphator" mod C.R.N

Consorzio Prov.le tra i produttori dell'agricoltura

Foggia

Richiesta autorizzazione acquisto di macchine calcolatrici

a mano del tipo "Triumphator" mod. C.R.N

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ac

46

102/PWU

30 October 1945

Subject : Request for release of premises
Work People Mess - 10 Via del Sole

To : SELT-VALDARNO COMPANY
Via De' Cerretani, 8 - Florence

1. For your information Military authority states that a decision on the release of the above premises from requisition cannot be made before early December of this year.

2. We have been assured, however, that the property will be given a high priority for release at the earliest opportunity.

GEORGE F. PARKER
Lieut-Colonel, Inf.
Chief, Elec. Div.

Copy to : Florence File

1595

Transportation (Br) Main,
C.M.F.
Tel: Firebox 9596.

File: Tn.A.2/SC/7.

28 Aug. 45.

39

Subject: Contin Factory,
Via Tiburtina 295.
W.D. Requisitioned Machinery.

To: Public Works & Utilities Sub-Commission,
H.Q. Allied Commission.

Copy to: Mr. J. Verbinschak.
Meccano Elettrica.
Ing. G. Bracci, Stores Dept., I.S.R.
Tn.4.

1. Reference the meeting held today in the office of Col. J. Ratter with regard to the W.D. requisitioned machinery at present held for safe-keeping by you in the above mentioned factory.

2. In accordance with the agreement reached action will be taken immediately to remove all W.D. requisitioned machinery as indicated in the attached list.

3. Removal will be undertaken by the firm of Meccano Elettrica under the supervision of Mr. John Verbinschak, my technical assistant, and your representative at Contin Factory should be advised to this effect.

4. It would be appreciated if craneage facilities existing at Contin Factory could be loaned to Meccano's as required to enable them to carry out this work.

Capt Graden
Mr Griffith
4/8/45

D. H. Reynolds Maj

D.H. REYNOLDS, Maj.,
for Brigadier,
Director of Transportation.

1594

PLANT FROM S.A.C.F.E.M. WORKS, AREZZO.

Th. No.	Description of machine	Makers Name	No.	C.S. No. & Date
8.	Drilling Machine	Ercole Vaghi	Nil	113 - 4/10/44
11.	" "	Nil	Nil	113 - 4/10/44
14.	" "	Nil	Nil	113 - 4/10/44
10.	Punching Machine	Nil	Nil	116 - 5/10/44
20.	Shearing Machine	Pels	Nil	116 - 5/10/44
2.	Vertical milling machine	Herbert	401	CRY55 - 20/10/44
8.	Screw cutting machine	Manning, Maxwell & Moore	123	CRY56 - 20/10/44
39.	Radial drilling machine	Schuchardt	Nil	182 - 22/11/44
1.	Drilling Machine	Nil	Nil	76 - 6/9/44
2/2.	Electric Motor	Nil	48407	- -
43.	" "	Morelli	026416	267 - 2/1/45
26.	" "	"	48407	CRY56 - 20/10/44
4.	" "	A.E.G.	M13561	113 - 4/10/44
5.	" "	Beaumont	70932	113 - 4/10/44
7.	" "	Savigliano	8527	113 - 4/10/44
44.	" "	Gabbionetoi	81725	196 - 28/11/44
11.	" "	Ferraris	23823	116 - 5/10/44

PLANT FIG. S.A.C.F.E.M. WORKS, AREZZO.

...on of machine	Makers Name	No.	C.S. No. & Date	I. & R. V. NO. & DATE
	Ercole Vaghi	Nil	113 - 4/10/44	596 - 4/10/44
	Nil	Nil	113 - 4/10/44	596 - 4/10/44
	Nil	Nil	113 - 4/10/44	596 - 4/10/44
	Nil	Nil	116 - 5/10/44	1286 - 20/12/44
	Pels	Nil	116 - 5/10/44	1286 - 20/12/44
...chine	Herbert	401	CRY55 - 20/10/44	1407 - 3/1/45
...ne	Manning, Maxwell & Moore	123	CRY56 - 20/10/44	1407 - 3/1/45
...ine	Schuchardt	Nil	182 - 22/11/44	1096 - 22/11/44
	Nil	Nil	76 - 6/9/44	386 - 6/9/44
	Nil	48407	- -	- -
	Morelli	026416	267 - 2/1/45	- -
	"	48407	CRY56 - 20/10/44	1407 - 3/1/45
	A.E.G.	M13561	113 - 4/10/44	596 - 4/10/44
	Beaumont	70932	113 - 4/10/44	596 - 4/10/44
	Savigliano	8527	113 - 4/10/44	596 - 4/10/44
	Gabbionetoi	81725	196 - 28/11/44	127 - 29/11/44
	Ferraris	23823	116 - 5/10/44	1286 - 17/12/44

PLANT FROM S.A.C.M.E.M. WORKS, AREZZO - Contd.

Tr. No.	Description of machine	Makers Name	No.	C.S. & Da
101.	Electric Motor	C.G.E.	7+138	116 - 5/16
-	" "	C.G.E.	130427	82 - 11/9
-	" "	C.G.E.	153113	218 - 7/12
31.	Welding Set	A.W.P.	29515	270 - 3/1
9.	" "	A.W.P.	34847	113 - 5/16
11.	" "	A.W.P.	35173	113 - 5/16
22.	" "	A.W.P.	29508	218 - 7/12
24.	" "	A.W.P.	29518	196 - 28/

ET FROM S.A.C.M.E.M. WORKS, AREZZO - Contd.

on of machine	Makers Name	No.	C.S. & Date	I.&R.V.No. & Date
or	C.G.E.	74138	116 - 5/10/44	1286 - 17/12/44
	C.G.E.	136427	82 - 11/9/44	418 - 8/9/44
	C.G.E.	153113	218 - 7/12/44	1149 - 7/12/44
	A.W.P.	29515	270 - 3/1/45	- -
	A.W.P.	34647	113 - 5/10/44	894 - 11/11/44
	A.W.P.	35173	113 - 5/10/44	894 - 11/11/44
	A.W.P.	29508	218 - 7/12/44	1266 - 17/12/44
	A.W.P.	29518	196 - 28/11/44	1064 - 28/11/44

Tel. 317

HEADQUARTERS ALLIED COMMISSION

LWL/ao

INTER OFFICE MEMO

R 38

102/PWU

28 August 1945

Subject : Recovery of Steel
Odero-Terni Muggiano Plant

To : WAR MATERIAL DISPOSAL SUB-COMMISSION

From : Public Works and Utilities Sub-Commission

1. Attached request of Terni Steel Company, for assistance in recovering 12,000 tons of steel, shipped to Genoa by the Germans, is forwarded to you for necessary action.

2. Inform Ministry of Public Works of action taken with information copy to this Sub-Commission.

G.W. PARKER
Lt-Colonel, Inf.
Chief Elec. Div.

cc : MINISTRY OF PUBLIC WORKS
(Att. Ing. Aldo Freschetti)

Enclosure
letter 24 Aug. '45 - file 922/SP

1592

File

Tel: 478906 HEADQUARTERS ALLIED COMMISSION VSR/bb

INTER OFFICE MEMO.

32

19 July 1945.

REFERENCE: 102/PWU
SUBJECT : Transportation requirements of Societa' Metallurgica Italiana.
TO : Industry Sub-Commission, Attn: Maj. Andrew Haban Jr.
FROM : P. Wks & U. Sub-Commission.

1. Reference is made to the informal inquiring made today by Major Andrew Haban Jr., Industry Sub-Commission, to Lt-Col. Vinal S. Fenton concerning the work now being done by the Societa' Metallurgica Italiana. The inquiry was raised in connection with transportation requirements of the Societa'.

2. The Fornaci di Barga plant is heavily engaged in redrawing copper conductor, both for electric companies, and for the State Railways. This work is very important and transportation is needed in order that the plant may operate expeditiously. Every action should be taken to provide transportation for this plant.

3. Little is known of the nature of the work presently being done at the Campo Tizzoro works.

W. M. LAPPER,
Lieut-Colonel,
Chief Elec. Div.

1597

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ec

3 July 1945

Reference : 102/PWU

Subject : Requirements "Coniel" Co.

To : A.C. MILAN OFFICE ELECTRICAL DIVISION
Public Works & Utilities S/C - A.P.O. 394
(Attention Lt.Col. Parker)

1. Eng. Silva of the above company has requested assistance in obtaining transport and aluminum for conductor in connection with the rehabilitation of their 220 KV transmission in northern and central Italy. He stated that a request had already been made but nothing had been received to date.

2. The transport needed is :

2 - 4 ton trucks
1 - passenger car.

3. (a) Aluminum in the form of pigs, 50 to 60 tons, in amount, is needed to manufacture conductor to replace that which has been removed or stolen from the line.

(b) The wire can be drawn by the Porto Marghere Plant near Venice.

(c) Eng. Silva had been informed that the Edison Co. at Milan had a sufficient quantity of steel core cable needed for manufacturing the conductor.

4. Please assist the Coniel Co. in any way you can to obtain the transport and conductor.

W.M. LAPPER
Lieut-Colonel
Chief Elec. Div.

1593

FILE

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ec

28

Reference : 102/PWU

25 June 1945

Subject : Dry Ice Plant - Società
Elettrica "Volsinia" - Viterbo

To : MINISTRY OF PUBLIC WORKS
(Attention Eng. A.Asta)

1. The above company has requested a release from attached Region IV hold order on dry ice mfg. dated 24 June 1944.

2. This Sub-Commission has no objection to this factory being released from this restriction provided that the American Red Cross continues to receive its supply as outlined in letter 24 June 1945 attached.

3. The manager of the plant Mr. Eugenio Bennati has stated to us that no additional KW demand will be required over that now allotted.

4. Please take the necessary steps in order the the unused outpout of this plant wan be made available to the general public.

W.M. LAPPER
Lieut-Colonel,
Chief Elec. Div.

Enclosures :
ltr 24 June 1944 Region IV
" 25 " 1945 S.I.I.G.L.

1589

COPY

ASTERIA - Soc.It.per l'Industria del Ghiaccio Secco

Rome, 24 June 1945

To : ALLIED COMMISSION

Following the conversation of our representative Mr. Eugenio Bennati with Major Laughlin, the Società Asteria requests permission to naufacture dry ice for the civilian market in the Samac Dry Ice plant of Acquarossa (Viterbo).

Electrical power was granted this plant on June 24, 1944 by Headquarters Region IV ACC (File no. R4/ENG/700) on the condition that the products of the plant be used solely for the American Red Cross.

Mr. Bennati, as representative of the Società Asteria, guarantees that, if permission is granted to make dry ice for civilian consumption, requests of the American Red Cross will have absolute priority and the needs of the American Red Cross will at all times be satiesfied in full.

The American Red Cross Food Service agrees to these conditions and has no objection to permitting the surplus output of the plant being sold on the civilian market.

per Soc.An. ASTERIA
(signed)
Eugenio Bennati

COPY

HEADQUARTERS REGION IV
ALLIED CONTROL COMMISSION
APO 394

JEB/JAM

To : Società Elettrica "Volsinia" Viterbo
Subject : Authority to furnish electrical power
File : R4/ENC/700

1. Connection of approximately 100 HP electrical power is approved for the Società SAMAC - Viterbo.
2. It is understood that the products of this plant will be used solely for the American Red Cross Food Service.
3. This connection may be terminated by this office at a later date, depending on the availability of power.

1548

O F F I C I A L

(signed)
JAMES E. BRETH Lt.Col.Inf.

27

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

CF/as

25 June 45

Tel. 489081 - ext. 237

Ref. AC/5615/155/IND

SUBJECT: De-requisitioning of Gas Works - AREZZO.

TO : G.O.C., H.Q., No. 1 District,
C.M.F.

1. According to the information in possession of this Headquarters, the subject gas works were requisitioned for the use of 34 CRE Stores for a general depot. Strong representations have been made by the Ministry of Industry, Commerce and Labour for the de-requisitioning of these works.

2. The plant has suffered very slight damage and is in a position to recommence production without delay. It is, therefore urgently recommended by Industry and by Public Works and Utilities Sub-Commissions that the works be de-requisitioned immediately, distribution of gas being considered an essential public service.

3. Prompt action by your Headquarters in this matter would be deeply appreciated.

For the Chief Commissioner:

A.H. GLENDINNING, Lt. Col.

for W.J. MASKREY,
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

Copy to:
Public Works and Utilities
Sub-Commission

This letter is result of P.W.'s request H.Q.R.

1587

Ph.12407
Ext.2521

26
b.o.p.

MILAN OFFICE
ELECTRICAL DIVISION
PUBLIC WORKS & UTILITIES SUB. COM.
ALLIED COMMISSION
APO 394

19 June 1945

To :LtCol. PARKER - in the office of Lt.Col.Lapper
Elec. Div. P. W. & U. S/C.

1) -This morning has come here Dr. ORLANDO and Dr. MONTA', respectively General Manager and Technical Directos off Soc. Metallurgica Italiana " Fornaci di Barga " (Lucca Prov.).

2) -They informed us that their plants are :
   a) - Wire drawing (Barga)
   b) - Rolling Plant (Campo Tizoro)
   c) - Foundry and Pipe Factory (Leghorn). This plant now is not free because transormed in Car Repairing Shop by the 8° Army.

3) -They have repaired the damages in the Plants a)and b) and now the Barga plant can draw about 70-80 Ton of copper-wire a day.

4) -The Barga plant is composed of the following Sections :
   a) - Electrical Foundry. For heavy alloys (Copper alloys) and light alloys (Aluminium Alloys) from scrab. (No kind of fuel required because Electrial Furnaces. Valdarno can supply at once 2,000 kW and in few days 5,000 kW.
   b) - Electrolytic plant. For 1,000 Tons a month. (Actually unable to work because German took away le lead-sheets. All plant in order but needs 370-400 Tons of lead. They say that for the requested conductivity by Electrical Societies and the quality of the scrabs it is not necessary the electrolysis of copper.
   c) - Drawing plant. From founded bars. For 70-80 Tons a day.
   d) - Meandering Plant. For prepare wires for cables. In full efficiency.

1585

5) -Actually the plant cannot work for lack of raw materials.

./.

6) -The above mentioned Society,(connected with Tempini Soc.Brescia), to safe materials from German robberies,sent his raw materials to Brescia. In Tempini plant existing now about 1500 Tons,(of which about 500 of Copper) of scrabs awnership of Metallurgica Soc.

7) -This Society has already received orders for about 1000 Tons of wire and cable from Central Italy Societies,but not yet arrived in Barga any scrabs.

8) - They ask your authorization to transport this 500 Tons of Copper from Brescia to Barga to start soon the work,while they are waiting for the scrab arrival from Center Italy.The transport will be made with 5 truks,awnership of the Society,authorized from A.M.G. HQ. Florence,and functionning with charcol-gasogene.(No petrol or any fuel required).

9) -I have spoken about with Capt.Elliot,and he has nothing to object. It is only necessary your approval for this transport.

10) -Peraphs Dr.Orlando might meet you in Rome next Monday and you are already acquainted with this matter.

Your very trouly

Ing.E.Cipriani

CE/11

25 Janu 45

Memo for Record:

Dr. Orlando of above company (from Milan) was in the Elec. Div. Office here in Rome today to discuss the possibility of the above transfer of material from North Italy. He will prepare a letter requesting this permission and address the letter to the Milan Office Elec. Div. P.W.B.A.F.H.Q. where action will be taken for release of material.

Geo. Parker
Lt.Col. Inf.

1585

HEADQUARTERS ALLIED COMMISSION
APO 394
ECONOMIC SECTION

24

ROUTING AND WORK SHEET

Each note must be numbered and each space completely filled in. THIS WORK SHEET MUST NOT BE REMOVED FROM THE CORRESPONDENCE TO WHICH ATTACHED UNTIL ACTION IS COMPLETED AND THEN FILED WITH FILE COPIES OF COMMUNICATION TO WHICH IT PERTAINS. A line will be drawn the full width of the page under each note.

SUBJECT: Transfer of Sugar mill machinery

No	Date	To	REMARKS	From
1	14/6/46	P.W. & U.	attached forwarded	Captain Roberts Industry S/C

1584

PAGE .....

Use other side

Page .....

No	Date	To	REMARKS	From

DO NOT WRITE BELOW THIS LINE

HEADQUARTERS ALLIED COMMISSION
APO 394
INDUSTRY SUB-COMMISSION

DBR/hh

Tel.489,081 - Ext. 281

12 June 1945

Ref.AC/5582/IRD

SUBJECT : Transfer of Sugar Mill Machinery

TO : Regional Commissioner, Emilia Region
(Attention: Industry Officer)

1. The Societa Italiana Industria Zuccheri has some turbo-generator equipment at their Modena mill which they want to transfer to two other plants for the production of electric power for the coming sugar beet processing season.

2. The equipment is detailed on the attached copies of memoranda received from this firm.

3. Will you please approve of the transfer of this equipment and make the necessary bids for transport to get it moved as quickly as possible? As the processing season will begin around 15 July it is imperative that this transfer be expedited.

By command of Rear Admiral STONE:

Encl. : -
as per para 2 above

W. J. HASKREY
Lt. Colonel,
Acting Director,
Industry Sub-Commission.

1582

COPY

DISTINTA DEI MATERIALI RELATIVO AL TURBOALTERNATORE DESTINATO ALLO ZUCCHERIFICIO DI GRANAICLO CHE DOVRA' ESSERE TRASPORTATO DA MIRANDOLA A GRANAICLO. Needs 800 kw

1) 1 Cassa contenente un alternatore: dimensioni ml.2x2x2
peso: Kg. 5300

2) 1 " " una turbina con riduttore di velocità
dimensioni: ml.2,30x1,80x1,60
peso: Kg. 5500

3) 8 casse " accessori vari aventi ognuna il peso di circa Kg. 200/300 e dimensioni di circa ml. 0,5x1x1

4) accessori vari di piccole dimensioni e piccolo peso

N° 1 pesatrice automatica: dimensioni ml. 2x3x1
peso: Kg. 1000

11/6/45.

1582

COPY

DISTINTA DEL MATERIALE RELATIVO AL TURBO ALTERNATORE DESTINATO ALLO ZUCCHERIFICIO DI RIETI CHE DOVRA' ESSERE TRASPORTATO DA MIRANDOLA A RIETI — Peso 500 Kw

---

1) I cassa contenente l'alternatore. Dimensioni: ml.2,20x1,35, 1,54
Peso Kg. 3330

2) I cassa " la turbina con riduttore. Dimensioni: ml.1,80x1, 60x1, 76
Peso: Kg. 2680

3) I cassa " I serbatoi d'olio: Dimensioni ml.1,28x0,76x1,08
Peso: Kg. 332

4) I cassa " I separatore d'acqua a 1 trappola in acciaio fuso
Dimensioni: ml.0,70x0,70x0,52
Peso: Kg. 173

5) 3 casse " accessori vari ognuna del peso di Kg.200 circa

6) accessori di piccole dimensioni e di piccolo peso.

1587

11/6/45

Tel: 489081
Ext. 317

HEADQUARTERS ALLIED COM SSION
APO 394
Public Works and Utilities Sub-Commission

LWL/ne

28 May 1945

Reference : 102/PWU

Subject : General information on Ansaldo Works

To : REGIONAL COMMISSIONER LIGURIA REGION
(Att. Capt. E.E. Parker - Act. Reg. Engr.)

22

(21)

1. Reference your letter dated 24 May 1945 transmitting details of Ansaldo Works.

2. We wish to thank you for this information which will prove most useful.

By Command of Rear Admiral STONE,

W.M. LAPPER
Lieut-Colonel,
Chief Elec. Div.

1539

vide folio 21

P.W.&U. S/C

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
LIGURIA REGION
APO 394

OFFICE OF REGIONAL ENGINEER

24 May 1945

21

Subject : General Information on Ansaldo Works.
To: Public Works and Utilities sub-Commission - HQS. A.C.
(ATTN. LT. Col. LAPPER)

1) Transmitted herewith is general information on Ansaldo works, Genoa.
2) Also statement concerning miscellaneous orders on hand for customers in central and southern Italy.
3) Similar statement from San Giorgio plant to follow.

ELMO E. PARKER
Capt. Inf.
Acting Regional Engineer

Enclosure No. 3

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
NAPLES COMMUNE
APO 394
PUBLIC WORKS AND UTILITIES DIVISION

19

10 May, 1945

PWU.360/45

SUBJECT : Release of the Storage Battery Factory in Casalnuovo Naples.

TO : See Distribution.

1. At the conference of Public Utility held in Naples weekly, the Engineers have demonstrated the absolute necessity of having released for civilian use the storage-battery factory located at Casalnuovo Naples.

2. This Factory is still in its full afficiency and equipped to manufacture bran-new batteries; at present it is being used, by the Allied Military Forces (D/1 - ABW - REME) for occasional repair of their own equipment.

3. The storage-battery situation in Southern Italy is very serious; many vehicles are standing idle; batteries that could still be utilized if repaired in time have been neglected for lack of a specialized equipment.

4. The parties interesetd in the release of this factory are as follows:

Post and Telegraph office - Italian Royal Navy - State Railways - Gas Company - Volturno Electric Company - S.M.E. Electric Company - Funiculars (Chiaja, Montesanto, Centrale, Mergellina, Vesuvio) - Narrow-gange Railroads (Circumvesuviana, Cumana, Piedimonte d'Alife) - Provincial and City Tramways - Aquaduct of Naples - Telephone Company (S.E.T.) - Società Agricola Meridionale Industriale di Salerno.

5. It is believed that with the ceasing of military operations this factory could be released or at least partly released to benefit civilian organizations which are trying their best to normalize their activities.

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WCM/mdp.

H. H. Townsend
H.H. Townsend
P.W.& U. - A.M.G. 1572
Naples Commune
Electric Division

Distribution :

D/1 - ABW - REME
A.C. Sub-Commission - Rome ✓
Ministry of Public Works - Electrical Section - Rome

Tel. 317 HEADQUARTERS ALLIED COMMISSION LWL/ac

INTER OFFICE MEMO

Reference : 102/PWU 11 April 45

Subject : Derequisition of the Factory of the S.A. Acciaierie e Ferriere Pugliesi - Bari

To : INDUSTRY SUB-COMMISSION

Reference AC/5615/78/IND dated 6 April 45.

1. Electric Power Committee of the A.F.L.R.(I) B. allocates electric power.

2. The question of whether this factory will get power would be determined by the priority which the Italian Government and Industry Sub-Commission would give the factory.

3. The quantity of power required, that is KW demand and kWh would have to be known.

4. This Sub-Commission would be interested in the operation of this plant since we understand that it is in a position to manufacture boiler tubes which are needed in connection with the rehabilitation and repair of thermal electric power plants.

for W.M.LAPTEW
Lieut-Colonel,
Chief Elec. Div.

1577

Tel. 237

NRLM/ci 15

Ref. AC/5615/78/IND.

6 April 1945

SUBJECT : Derequisition of the Factory of the S.A. Acciaierie e Ferriere Pugliesi - Bari.

TO : Public Works and Utilities Sub-Commission.

FROM : Industry Sub-Commission.

1. Applications have been received for the derequisition of the Seamless Steel Pipe Plant belonging to S.A. Acciaierie e Ferriere Pugliesi.

2. Before taking action we must be certain that man power, raw material and electric power is available.

3. Therefore a statement by you with regard to para 2 also indicating the importance of the plant's output would be much appreciated.

for W. S. VAUGHAN
Director,
Industry Sub-Commission.

Copy to:
Economic Section.

1576

Rel.391

SDB/f1. 12

Ref. AC/5594/IND

2nd March 1945

SUBJECT : Copies of Reports on Visits to the Plants:-
1.- S/A Adriano Cecchetti, Porto Civitanova (Marche)
2.- Cantieri Metallurgici e Fonderia di Tolentino

TO : Public Works & Utilities Sub-Commission ✓

FROM : Industry Sub-Commission

Enclosed find, for your information and records, copies of the reports on visits to a/n plants by a member of this Sub-Commission.

for W.S. VAUGHAN
Director,
Industry Sub-Commission

Copy to:-
Economic Section
(w/o incl.)

1 Incls.:-
Ltr AC/5542/IND
dtd 23 Feb.45,
w/incl.

by Col Kappen
1575
Ra 3/3

Allied Commission 447

SDB/ep

Ref. AC/3542/IND

23 February 1945

SUBJECT : Reports on visits to the Plants and Steps taken for Revitalizing them.

TO : Mr. E. S. Vaughan, Director Industry S/C
: Maj. W.J. Mackrey, Deputy Director Industry S/C.

FROM : Mr. S.D. Breitkopf.

1. Attached find two reports on visits to the following plants :

I - S.A. Costruzioni Meccaniche Adriano Cecchetti , Porto Civitanova, Marche.

II - Acciaieria Metallurgica e Fonderia di Talentino, Talentino (Marche)

2. The visits to the above plants were made in the company of Capt. Peterson , who is in charge of auto spare parts for the vehicles of the Roads Division (Col. Cexnes) of the Transportation Sub-Commission.

3. In the rehabilitation of the Cecchetti Plant is also interested the Rail Division (Lt. Col. Lindberg) of the Transportation Sub-Commission.

4. The Mechanical Industry Division of the Industry sub-Commission and the Rail Division of the Transportation Sub-Commission have already applied to the Regional Engineer of the Abruzzi-Marche Region for allocation of additional electric power to the Cecchetti Plant.

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- 1 -

5. The Industry Sub-Commission was successful in securing five tons of foundry pig iron for the Cantieri Metallurgici e Fonderia di Tolentino which they need to add to their melts for improving the quality of their castings.

Incls.:-
2 Reports as
per para 1 above.

S.D. BROOTZKOSS
Mechanical Industries Div.
Industry Sub-Commission.

Copy to:-
~~File 5012~~
File 5565.

SDE/as

REPORT OF A VISIT BY BROUTEKOOS TO
THE SOCIETA' ANONIMA COSTRUZIONI MECCANICHE
ADRIANO CECCHETTI
PORTO CIVITANOVA, MARCHE, (Macerata)

February 1st, 1945

The visit to this plant disclosed that it was heavily damaged by aerial bombardment and by German demolition squads. The latter paid special attention to the ammunition making end of the plant, mining machines which were too heavy to be carried away, and to the destruction of all power installations both electric and hydraulic. The buildings suffered more from air bombardment but the Germans dons they share also.

The equipment of the plant is of the World War I vintage. All machines are , nevertheless, provided with individual overhead belted motor drives. Several small sensitive drills and few single spindle screw machines of modern construction were, however, noticed in various places in the plant. The management stated that all modern machines which were mostly used for the ammunition making, were carried away by Germans, 65 carloads altogether.

The whole layout of the plant is for building RR rolling stock - freight and tank cars and bodies for motor driven RR passenger cars.

The assembly shops of the plant are interconnected by a motor driven traveling platform for transferring semifinished cars from one shop to another during their assembly work.

Except for car axles and wheels the plant was a self-contained unit for building RR freight cars.

The following conditions were observed during the visit.

FORGE SHOP

The forge shop was found in order, with a repaired roof

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The following conditions were observed during the visit.

FORGE SHOP

The forge shop was found in order, with a repaired roof and all hammers well greased against rust. Rows of neatly greased dies for forging parts for R.R. rolling stock were neatly stocked near the walls and in the storage room. 1577

The hammers in the shop are of the air lift drop type of Brett, Massey and their own make. The falling weights of these hammers are as follows:

1 - 3500 Kg.	2 - 800 Kg.
1 - 2000 "	1 - 600 "
1 - 1500 "	2 - 300 "

2 - "Nazel" type (self-contained) 700 Kg pneumatic hammers.

For the number of drops it seems that the forge shop is somewhat short of heating facilities.

The general impression of this shop is that it was under conservation for a long time and that the heating facilities were either removed to another shop or were cannibalized.

Neither the air compressor nor air receiver of this shop is destroyed, and, therefore, the shop may be placed in operation at a short notice.

PRESS SHOP

The press shop contains many power and hydraulic presses some in a damaged condition. The hydraulic presses are connected to the main hydraulic system of the plant which is demolished by the Germans. The presses are, therefore, out of commission. The general aspect of the shop makes an impression that it wasn't in operation for a long time and that the hydraulic power was diverted to other uses.

SPRING SHOP

The spring shop is in somewhat better shape them the adjoining press shop. It may be because during the visit it was in partial operation making some parts for the reconstruction of the plant. It has necessary cutting-off trimming, bending and eye curling presses, spring hardening furnaces of somewhat antiquated type and a beam type spring testing machine.

The hydraulic system of this shop is connected to their old weight accumulator lines which escaped demolition by the Germans. The two pumps were, however, standing without fly wheels, pulleys and motors and the accumulator was resting on its supports.

FOUNDRY

The foundry is in a stage of final reconstruction. It has three small cupolas of about 10-12 ton total capacity. The metal bodies of these cupolas are ready for brick lining and for connection to the air blowers which are not yet installed. The building is being repaired and a crane way is being laid out.

MACHINE SHOPS

All salvaged metal cutting machine tools are assembled in one undamaged shed. Majority of them are engine lathes of medium to heavy type with few milling, thread cutting and grinding machines. All machines with few exceptions require complete reconditioning.

1573

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The machines which the management already reconditioned 1577
are placed to work in a shop making repair parts for other machine tools. Some of them are used for turning coffee routers, pots, dies for table ware etc. for which the management succeeded in securing orders. The machines are driven by a small oil engine installed in a corner of the shop.

SHELL SHOP

The shell shop is stripped of all machines with the heavy hydraulic press, draw press and compressor installation blasted by the enemy.

The electric furnace used for heating the shells did not suffered much damage and is being repaired. All temperature measuring instruments however are missing but the management states that they had succeeded in saving them from the enemy.

PLATE SHOP

In the plate shop are two-three roll plate bending machines, two multiple head shapers, a heavy combination shear and punch as well as a number of punches shears and butt welders. A "Pels" type punch and shear of plate type construction is being repaired as well as the crane ways of the shop.

During the war the Company was building all welded submarine chasers and patrol boats. Three of them could be seen on the premises.

THE MANAGEMENT

The management of the plant is energetic and resourceful as it is shown by the amount of the repair work done inspite of the adverse war conditions. Everywhere can be seen signs of the repairs being done: Water and electric lines being repaired, foundry being completely rebuilt, machine tools being repaired and reconditioned etc. The management states that it is ready to start work as soon as the power, some coal and raw materials are available to them.

CONCLUSION

The plant is most suitable, experienced and specialized in repairing RR rolling stock. It is the only shop on the Adriatic shores of Central Italy which exists for this type of work. It can also produce many parts for trucks which don't require close tolerance. It can be used for making flat strings for trucks and many forged parts some of which can be machined in the plant or more advantageously in shops better equipped and accustomed to interchangeable precision work.

The plant should be gradually revitalyed by starting with the forge and spring shops for making parts both for RR and motor transport this work to be expanded by including the machining of the parts for RR cars and by repairing the available rolling stock in and around Civitanova. About 150 derelict cars are [illegible] on the premises of the plant.

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SHIPYARD

The above Company has a shipyard in Civitanova where a Diesel powered wooden barge has been ready for launching as well as several fishing sailing boats.

DEREQUISITIONING PROCEEDINGS

Two or three sheds of the plant are taken over by a British Army truck company which uses them as a garage.

The Industry Sub-Commission is already started proceedings for derequisitioning them.

20 Feb. 1945.

SDB/as

VISIT BY MR. S. D. BROUTSKOOS TO THE PLANT OF
SOC. AN. CANTIERI METALLURGICI E FONDERIA DI TOLENTINO
TOLENTINO (Marche)

February 1st, 1945

The equipment of the plant is antiquated to say the least. The Technical Director of the plant Dr. G. Falsini is undoubtly a very inventive, resourceful and energetic man and under his guidance the plant is doing praisworthy work.

The plant consists of a foundry, pattern shop, small forge, machine shop and bolt and nail shop.

The foundry is equipped with a small cupola about 3-4 ton capacity. During the visit it was busy casting hubs on wheels for agricultural machines, a large size elbow for a hydraulic turbine and other machine parts.

In the adjacent pattern shop equipped with suitable band saw, planers, circular saws etc. about six pattern makers were turning out patterns and core boxes.

In the small forge shop wheel rims and spokes for agricultural machines were manufactured preparatory to the casting of hubs on them.

The equipment of the machine shop consists of several engine lathes, a front lathe, drill presses, a planer a metal band saw and two milling machines all at least 35-40 years old.

The plant is short of any grinder. In spite of that the work which they were turning out was surprisingly of very high quality. During the visit a large friction disc for a screw press has been turned on the front lathe, a calender roll has been turned preparatory to the polishing operation, a frame of a large band saw has been bored, a bull gear for a hydraulic turbine has been cut and a large bearing for a generator has been bored.

The bolt and nut department has three screw presses, two roll threaders, an electric upsetter and two electric furnaces. The department was not working, with the largest press undergoing the replacement of its friction disc.

The technical manager expects to start the operation of

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The bolt and nut department has three screw presses, two roll threaders, an electric upsetter and two electric furnaces. The department was not working, with the largest press undergoing the replacement of its friction disc.

1510

The Technical manager expects to start the operation of this department as soon as he will get orders along with the necessary materials. In the meantime he is designing a double stroke nail press for making screw blanks and large headed nails.

The plant is located in a community which suffered very little from the ravages of the war. It has all necessary electric power because the local central power station has been saved by the partisans from demolition.

The plant is serving local industries which include:

Electric power stations
Flour mills

Macaroni factories
Paper mills
Tanneries
Wood working plants
Agricultural machinery

and is of great value in the rehabilitation of them.

20, February 1945.

TO: Major Bell
Advanced Section
Electrical Division
P.W. & U. A.C.

Report by Capt. R.F. Lowdon on
VERACI Foundrie - Porta Romana - Florence

This plant situated on route 2 is quite small and not very well laid out. There is a drawing office, pattern shop, moulding shop, and various machine shops.

It now employs 70 workpeople, but could increase this number to 250 from local ressources.

It can handle castings up to 3 tons and is remaking a small turbine runner for Selt-Valdarno. The engineer stressed that they were able to remake turbine runners.

They have no coke, no pig-iron but do have mild steel bars in all sections. There is one lathe 6 meters dia face and one 2 meters dia. Other machines and smaller lathes are scattered about in a hap-hazard manner, and there does not seem to be a continuous crane system for handling heavy castings.

Most of the work going on was repairing pumps for processing olive oil.

. Major Drake, Ind. Com. Toscana Region, controls this firm.

Power supply at present is 5 KW 0600 hours 2200 hours, 50 KWs 2200 hours 0600 hours.

Florence, 16th February 1945

R.F. Lowdon, Capt.

R & C Pepper
1567
Dy 23/2

Tel. 489081
Ext. 317

HEADQUARTERS ALLIED COMMISSION
Public Works and Utilities Sub-Commission
APO 394

WMI/ac

Tab 10

M E M O R A N D U M

References: 102/PWU 13 Feb. 45

Subject : Factory rehabilitation

To : Industry S/C (Attn Mr. Vaughan)
Major R.A. Bell
Major L.C. Price

1) - A meeting was held with Mr. Vaughan - Director of Industry Sub-Commission on 12 February 1945. The following attended :

Lt.Col.W.M.LAFFER
Maj. E.J.BARRY
Maj. E.A.BELL

2) - Maj. R.A. Bell had requested permission to control the factories, Pignoni Foundry and Galileo Optical Co. (Elect. and Mech.Section) at Florence.

3) - These factories were to be used in connection with electrical rehabilitation work.

4) - Mr.Vaughan agreed for Maj. R.A.Bell to take over the factories it being understood that 15th Army Group was not interested.

5) - Mr.Vaughan stated that if Maj.R.A.Bell would keep in touch with Industry A.C. representative in Florence he would see that the necessary materials were supplied to maintain the factories in operation.

1566

W.M.LAFFER
Lt-Colonel
Chief Elec.Div.

Tel.489081
Ext.320

LAJ/ce

8

file

HEADQUARTERS ALLIED COMMISSION
Inter Office Memo.

REFERENCE: 102/PWU. 13 Jan.45
SUBJECT : Swiss Machinery for Italy.
TO : Industry Sub-Commission.
FROM : P.W. & U. Sub-Commission.

1. I have received a considerable quantity of information from the Swiss Minister in Rome regarding electrical plant and industrial machinery previously exported to Italy. I am attaching hereto the list of industrial machinery for your information, hoping that it may be of some value to you.

2. The attached lists are all original documents which the Swiss Legation wishes to have returned. If you are interested in any portions of these lists, I will be glad to furnish you with copies of the data which you may wish to have.

3. Will you please have these lists reviewed and, if they are not of particular interest to you, return them to me, so that I may forward them to the Swiss Minister and, if you desire any data, please so indicate, so that I may have made copies for you.

L.A. JENNY,
Lt-Colonel, C.E.,
Director.

1565

Tel. 447

DG/as

Ref. AC/5668/IND

12 Jan 45

SUBJECT: Availability of Industry.

TO : Public Works and Utilities Sub-Commission.

FROM : Industry Sub-Commission.

1. Attached report, Availability of Industry, received from our Industry Officer, Toscana Region, is passed to you for information.

F. P. Hunter, Capt
for W. S. VAUGHAN
Director,
Industry Sub-Commission.

Copy to:
Economic Section.

1 Incl.:
As per para. above
(W/ Incls.).

Col Kapper
13/1

1567

ALLIED MILITARY GOVERNMENT
GOVERNO MILITARE ALLEATO

PI-16

R8-462-

FORM. I & C 8 - 1

Confidential
Riservato personale

AVAILABILITY OF INDUSTRY
RAPPORTO DI EFFICENZA INDUSTRIALE

Il presente rapporto deve essere completato da tutte le aziende di manifattura e di produzione che, IN GENNAIO 1943, impiegavano più di 40 operai.
Completarlo in Inglese (od in Italiano) e consegnarne quattro copie entro sette giorni dalla ricezione all'Ufficiale dal quale si è ricevuto. Se tutte le informazioni richieste non sono disponibili, il rapporto deve essere completato al più presto possibile e gli ulteriori dettagli dovranno essere forniti in seguito.

NOTA N. 1 - Il rapporto deve essere completato con macchina da scrivere o con stampa.

NOTA N. 2 - Il rapporto deve essere dato con la massima quantità possibile di dettagli, allo scopo di fornire una chiara visione del Vostro stabilimento. Se necessario, aggiungere altri fogli di carta.

To be completed for all manifacturing or producing businesses which employed more than 40 workers in

JANUARY 1943

Complete in English (or Italian) and deliver 4 copies within 7 days of recepit to the Officier from whom it is received. If all required information is not available, form should be completed as fast as possible and further details reported later.

1. **Tipo dell'azienda** Produzione e distribuzione energia elettrica
2. **Nome dell'azienda per esteso** "Forze Idrauliche dell'Appennino Centrale" Soc; An.
3. **Indirizzo per esteso** (includendo la Provincia) 15 Via Pratese, Pistoia
4. **Nome ed indirizzo del Presidente ~~o dei Proprietari~~:** Count Ing. Ignazio Prinetti Castelletti 6 Via Cerretani, Firenze
5. **Nome ed indirizzi dei Direttori ~~o Soci~~:** Cav.Uff.Riccardo Riccardi- 27 Via Ricasoli ,Firenze - Dr.Ing.Antonio Gazzarrini 15 Via Pratese, Pistoia
6. **Nome ed indirizzi del Direttore Generale e del Segretario della Società:** Gr.Uff.Ing.Giovacchino Banti - Firenze Via della Colonna,7 - Secretary of Administration Council
7. **Nome ed indirizzo del funzionario più anziano disponibile attualmente:** Sergio Cercadori - 7 Via Selvaggia

1 - **Type of business** Production & distribution of electric energy
2 - **Name of business in full** "Forze Idrauliche dell'Appennino Centrale" Societè Anonima
3 - **Full address** (Including province) 15 Via Pratese, Pistoia
4 - **Name & address of President ~~or Proprietors~~:** Count. Engr. Ignazio Prinetti Castelletti 6 Via Cerretani, Florence
5 - **Name & addresses of Directors ~~or Partners~~:** Cav. Uff. Riccardo Riccardi - 27 Via Ricasoli Firenze - Dr.Engr.Antonio Gazzarrini 15 Via Pratese, Pistoia
6 - **Names & addresses of General Manager & Co. Secretary:** Gr.Uff. Engr. Giovacchino Banti -Firenze 7 Via della Colonna - Secretary of Administration Council
7 - **Name & address of Senior Official at present available** Sergio Cercadori - 7 Via Selvaggia

Completare in inglese (o in italiano) e consegnarne quattro copie entro sette giorni dalla ricezione all'Ufficiale dal quale si è ricevuto. Se tutte le informazioni richieste non sono disponibili, il rapporto deve essere completato al più presto possibile e gli ulteriori dettagli dovranno essere forniti in seguito.

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7. **Nome ed indirizzo del funzionario più anziano disponibile attualmente:** Sergio Carradori - 7 Via Selvaggia Vergiolesi, Pistoia
8. **Numero medio degli impiegati nel Gennaio 1943:** 150
9. **Sono tutti disponibili i lavoratori essenziali?** si

   a) **In caso negativo precisare le deficienze distinte per categorie:** nessuno

   b) **In caso di mancanza di disponibilità precisare dove essi possono essere trovati se ciò è conosciuto:** nessuno

Complete in English (or Italian) and deliver 4 copies within 7 days of recepit to the Officier from whom it is received. If all required information is not available, form should be completed as fast as possible and further details reported later.

1 - **Type of business** Production & distribution of electric energy
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6 - **Names & addresses of General Manager & Co. Secretary:** Gr.Uff. Engr. Giovacchino Banti -Firenze 7 Via della Colonna - Secretary of Administration Council
7 - **Name & address of Senior Official at present available** Sergio Carradori - 7 Via Selvaggia Vergiolesi, Pistoia 1563
8 - **Average number of employees during January 1943:** 150
9 - **Are key workers all available** yes
   a) **If not state deficiencies BY CATEGORIES** none
   b) **If not available state where they can be found, if known:** none

10. Fonte normale dell' ENERGIA e richieste dopo le riparazioni *
10 - Normal source of POWER and requirements after repairs *

		Normal before damage Normale prima dei danni	After repairs Dopo le riparazioni
a) ELETTRICITA'	*a)* ELECTRICITY		
Provvista propria	Own supply	5.000 kW	1.350 kW
Provvista della Società "VALDARNO"	Company's supply	3.600 kW	?
Numero totale dei Cavalli Vapore usati	Total H. P. used	8.670 HP	1.780 HP
Carico massimo	Peak load	6.000 kW	?
Energia immessa Kw	Input Kw		
Volts	Volts	kV 60-30- 5,2	kV 30 - 5,2
Frequenza	Frequency	50 ~	50 ~
Kilovatts per ora	K. W. H.		
Trasformatori	Transformers	kVA 26.425	kVA 4.775
Energia operante Kw	Working power Kw	-----	------
Volts	Volts	-----	-----
Tipo del generatore:	Type of generator:		
Idraulico	Hydro	yes	yes
Motore a combustione interna	I. C. Motor	---	---
Vapore	Steam	---	---
b) VAPORE	*b)* STEAM		
Numero totale dei Cavalli Vapore	Total H. P.	---	---
Tipo della Caldaia	Type of boiler	---	---
Pressione	Pressure	---	---
Combustibile:	Fuel:		
Tipo	Type	----	----
Quantità (per 24 ore)	Quantity (24 hrs)	---	---
Scorta di acqua	Water supply	---	---
c) MOTORI A COMBUSTIONE INTERNA	*c)* I. C. MOTORS		
Numero dei Motori	Number of motors	---	---
Numero totale dei Cavalli Vapore	Total H. P.	---	---
Combustibile:	Fuel:		
Tipo	Type	---	---
Quantità (per 24 ore)	Quantity (24 hrs)	---	---
d) ENERGIA IDRAULICA	*d)* WATER POWER		
Tipo: a ruota di acqua	Type: Water Wheel	---	----
a turbina	Turbine	yes	yes
Numero totale dei Cavalli Vapore	Total H. P.	HP 8.670	HP 1.780
Ore lavorative	Working Hours	continuous service	cont. service
Provvista idraulica: in eccesso	Water supply: In Excess	---	yes
adeguata	Adequate	---	---

Energia operante Kw	Working power Kw	-----	-------
Volts	Volts	-----	-------
Tipo del generatore:	Type of generator:		
Idraulico	Hydro	yes	yes
Motore a combustione interna	I. C. Motor	---	---
Vapore	Steam	---	---
b) VAPORE	*b)* STEAM		
Numero totale dei Cavalli Vapore	Total H. P.	---	---
Tipo della Caldaia	Type of boiler	---	---
Pressione	Pressure	---	---
Combustibile:	Fuel:		
Tipo	Type	----	----
Quantità (per 24 ore)	Quantity (24 hrs)	---	---
Scorta di acqua	Water supply	---	---
c) MOTORI A COMBUSTIONE INTERNA	*c)* I. C. MOTORS		
Numero dei Motori	Number of motors	---	---
Numero totale dei Cavalli Vapore	Total H. P.	---	---
Combustibile:	Fuel:		
Tipo	Type	---	---
Quantità (per 24 ore)	Quantity (24 hrs)	---	---
d) ENERGIA IDRAULICA	*d)* WATER POWER		
Tipo: a ruota di acqua	Type: Water Wheel	---	----
a turbina	Turbine	yes	yes
Numero totale dei Cavalli Vapore	Total H. P.	HP 8.670	HP 1.780
Ore lavorative	Working Hours	continuous service	cont. service
Provvista idraulica: in eccesso	Water supply: In Excess	---	yes
adeguata	Adequate	---	----
in difetto	Short	yes	---

* Le riparazioni debbono limitarsi al MINIMO richiesto per ottenere produzione economica. Tale produzione dovrebbe essere mostrata nel paragrafo 11.

* The repairs must be the MINIMUN required to obtain economic production. Such production should be shewn in paragraph 11.

10. Prodotti a produzione mensile:

	TIPO	normale	dopo le riparazioni
a	energia elettrica kwh	1.350.000	450.000
b			
c			
d			
e			
f			
g			
h			
i			
j			

11 - Products with monthly production:

	TYPE	Normal	After repairs
a	Elec. energy kwh	1.350.000	450.000
b			
c			
d			
e			
f			
g			
h			
i			
j			

12. Rimanenza in magazzino — 12 - Stocks

	el 1 Gennaio 1943 at 1 January 43	Attualmente At date	Consumo mensile normale Normal monthy consumption	Consumo mensile dopo le riparazioni Monthy consumption after repairs
a. Combustibile — a. Fuel				
nessuno — none				
b. Materie prime — b. Raw Materials				
none				
c. Prodotti finiti (attualmente) — c. Manufactured products (at date)				
nessuno — none				

13. Originarie fonti delle materie prime:

nessuno

13 - Previous sources of raw materials

none

14. Dove si potrebbero adesso procurare nel caso che le fonti originarie non fossero più disponibili:

nessuno

14 - Where could raw materials now be obtained if previous sources unavailable

none

15. Danni:

15 - Damage

a. Sono gli edifici e gli impianti danneggiati ed in caso affermativo in quale misura:

a. Are premises and or plants damaged and if so to what extent:

	Edifici	Impianti		Building	Plant
Centrali di produzione sottostazioni, linee esterne	70%	50%	Centrals of production substation, transport lines	70%	50%
b. Per quale misura provocata dai bombardamenti:	10%	15%	b. To what extent by Bombing	10%	15%

1558

12. Rimanenza in magazzino — 12 - Stocks

	al 1 Gennaio 1943 at 1 January 43	Attualmente At date	Consumo mensile normale Normal monthy consumption	Consumo mensile dopo le riparazioni Monthy consumption after repairs
a. Combustibile — *a.* Fuel				
nessuno — none				
b. Materie prime — *b.* Raw Materials				
none				

c. Prodotti finiti (attualmente)

nessuno

13. Originarie fonti delle materie prime:

nessuno

14. Dove si potrebbero adesso procurare nel caso che le fonti originarie non fossero più disponibili:

nessuno

15. Danni:

a. Sono gli edifici e gli impianti danneggiati ed in caso affermativo in quale misura:

	Edifici	Impianti
Centrali di produzione sottostazioni, linee esterne	70%	50%
b. Per quale misura provocata dai bombardamenti:	10%	15%
(1) e da sabotaggio nemico	60%	35%

* *c.* Riparazioni richieste per Totale riparazione — Parziale riparazione

vedi nota allegata

* *d.* Massimo numero di operai richiesto per Totale riparazione — Parziale riparazione

vedi nota allegata

* Dare brevi dettagli su foglio separato, se necessario.

c. Manufactured products (at date)

none

13 - Previous sources of raw materials

none

14 - Where could raw materials now be obtained if previous sources unavailable

none

15 - Damage

a. Are premises and or plants damaged and if so to what extent:

	Building	Plant
Centrals of production substation, transport lines	70%	50%
b. To what extent by Bombing	10%	15%
(1) By enemy sabotage	60%	35%

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* *c.* Repairs required for Tt. Restoration — Partial Restoration

see attached note

* *d.* Major assemblies required for Tt. Rest. — Partial Restoration

see attached note

* Give brief particulars on separate sheet if necessary.

e. Previsione approssimata del tempo necessario per

Totale riparazione	Parziale riparazione
anni due	150 giorni

f. Previsione all'ingrosso dei materiali necessari per

Totale riparazione	Parziale riparazione
cemento e materiale laterizio, accessori e parti di ricambio per turbine e alternatori, profilati e lamiere ~~di ferro, materiali per linee elettriche~~	

g. È richiesto un aiuto finanziario per

Totale riparazione	Parziale riparazione
si	si

h. In caso affermativo fornire previsioni molto approssimate dell'ammontare richiesto

Totale riparazione	Parziale riparazione
L. 20.000.000	L. 5.000.000

16. Nel caso che lo stabilimento non stia facendo articoli essenziali per i bisogni della popolazione civile, quali cambiamenti, materiali, tempo, etc., sarebbero necessari per fare ciò e quali prodotti possono essere fatti.

17. Data 10/ 11/1944

18. Firma e qualifica della persona che dà il rapporto

FORZE IDRAULICHE DELL'APPENNINO CENTRALE
IL DIRETTORE

OSSERVAZIONI

e. Rough estimate of time to repair

Total Restoration	Partial Restoration
2 years	150 days

f Very rough estimate of materials required to repair for:

Total Restoration	Partial Restoration
cement, bricks and tiles, accessories and changes for transformers and alternators iron wires and sheets, materials for elec. lines	

g. Is financial aid required for Tl. Rest. Partial Restoration

yes	yes

h. If so give very rough estimates of amount required

L. 20.000.000	L. 5.000.000

16 - If plant is not making articles of essential civilian needs, What changes, materials, time and etc, would be necessary to do so and what products can be made.

17 - Date 10 Nov. 1944

18 - Signature and appointment of person reporting

REMARKS

L. 20.000.000 L. 5.000.000

16. **Nel caso che lo stabilimento non stia facendo articoli essenziali per i bisogni della popolazione civile, quali cambiamenti, materiali, tempo, etc., sarebbero necessari per fare ciò e quali prodotti possono essere fatti.**

17. **Data** 10/ 11/1944

18. **Firma e qualifica della persona che dà il rapporto**

FORZE IDRAULICHE DELL'APPENNINO CENTRALE
IL DIRETTORE

OSSERVAZIONI

Non usare questo spazio

Tip. ex Combattenti 8/9/44

L. 20.000.000 L. 5.000.000

16 - **If plant is not making articles of essential civilian needs, What changes, materials, time and etc, would be necessary to do so and what products can be made.**

17 - **Date** 10 Nov. 1944

18 - **Signature and appointment of person reporting**

REMARKS

Do not use this space

FORZE IDRAULICHE DELL'APPENNINO CENTRALE = VIA PRETESE
PISTOIA

PER INFORMAZIONI SUPPLEMENTARI A QUELLE RICHIESTE SUL RAPPORTO DI EFFICIENZA INDUSTRIALE, RISPONDERE ALLE SEGUENTI DOMANDE:-

1. La fabbrica è occupata dagli alleati o lavora per loro
La fabbrica non è occupata dagli Alleati
ma lavora per loro

2. Lista degli impianti e del macchinario.
Sottostazione ricevitrice di Pistoia:
per la distribuzione dell'energia elettrica alle zone di Pistoia, macchinario installato:
N° 1 trasformatore trifase a raffreddamento in olio tensione 30 kV / 5,2 kV potenza 2000 kVA ed apparecchiatura relativa per il comando ed il funzionamento del trasformatore

Sottostazione di SanMarcello Pistoiese:
per la distribuzione dell'energia elettrica alla zona di San Marcello Pistoiese, macchinario installato:
n° 1 trasformatore trifase a raffreddamento in olio tensione 30 kV / 6,5 kV potenza 1000 kVA ed apparecchiatura relativa per il comando ed il funzionamento del trasformatore

3. Giacenze di materie prime e dei prodotti finiti (articolo)

TIPO	QUANTITA' E MISURA
La Società ha avuto distrutte le sue tre Centrali di produzione dell'alta valle del Lima;	
attualmente dispone:	
1) Centraline idroelettrica di Piteccio con una potenza installata di kVA 7,5	
2) Centraline di Arghiari di proprietà della Cartiera CINI requisita dall'A.M.G. per alimentare le zone di Pistoia e San Marcello	
potenza installata kW 1200	
potenza media di produzione kW 700	

ed apparecchiatura relativa per il comando ed il funzionamento del trasformatore

Sottostazione di SanMarcello Pistoiese:
per la distribuzione dell'energia elettrica alla zona di San Marcello Pistoiese, macchinario installato:
n° 1 trasformatore trifase a raffreddamento in olio tensione 30 kV / 6,5 kV potenza 1000 kVA
ed apparecchiatura relativa per il comando ed il funzionamento del trasformatore

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DATA 20 DIC 1944 FIRMA

Note attached at paragraph 15 c) d)

TOTALE RIPARAZIONE	PARZIALE RIPARAZIONE
Centrale idroelettrica del SESTAIONE (Porrino 3° salto)	
- Rifacimento della prima parte delle condotte forzate sostituendo il tronco di tubazione in lamiere di ferro esportato dalle mine collocate dai Tedeschi; - Ricostruzione dell'edificio Centrale di produzione e sostituzione ex novo di due gruppi turbina-alternatore da 1680 HP e dell'alternatore al gruppo da 4150 HP - Rifacimenti accessori e vari	- Riparazione anche con tubi di cemento od altro, provvisoriamente, della condotta forzata. - Costruzione e montaggio sul posto della centrale di una baracca in legname per riattivare un gruppo turbina-alternatore da 1680 HP che fu preventivamente decentrato ed occultato.
Centrale di Riofreddo	
- Rifacimento totale dell'edificio della centrale a sostituzione ex novo di tre gruppi turbina alternatore per un totale di 800 HP	- Impossibile la parziale riparazione
Centrale di Livorno	
- Rifacimento totale della Centrale e sostituzione ex novo di due gruppi turbina-alternatore per un totale di 260 HP	- Impossibile la parziale riparazione

1561

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TOTALE RIPARAZIONE

PARZIALE RIPARAZIONE

Centrale di Pitecchio

- Riparazioni al fabbricato e rifacimenti vari di secondario importanza

Sottostazione Sestelone

- Ricostruzione ex novo di 2 trasformatori a 30 kV da 1775 kVA cadauno e di 1 trasformatore a 60 kV da 3550 kVA, riparazione delle incastellature in ferro esterne, riparazione e ricostruzione degli interruttori, separatori, quadri di comando e controllo, riparazione e rifacimento in parte dell'edificio contenente l'apparecchiature a media tensione (6,5 kV). Approvvigionamento dell'olio isolante mancante.

- Adattamento con mezzi di fortuna e con sistemazione provvisoria dell'apparecchiature salvate per il funzionamento dei due trasformatori a 30 e 60 kV preventivamente decentrati ed occultati.

Sottostazione S. Marcello

- Riparazioni varie all'edificio
- Ricostruzione ex novo di un trasformatore da 1000 kVA
- Ricostruzione della massima parte delle apparecchiature interne della sottostazione come interruttori in olio, separatori ecc.

- Adattamento di fortuna a opera di apparecchiature provvisorie per il funzionamento di un trasformatore da 1000 kVA che fu preventivamente decentrato ed occultato.

Sottostazione di Via di Sora

- Riparazioni varie all'edificio
- Riparazione trasformatore 3000 kVA 60 kV e apparecchiature relative
- Approvvigionamento dell'olio del trasformatore.

1563

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TOTALE RIPARAZIONE O

PARZIALE RIPARAZIONE O

Sottostazione di Viale Pecinotti

- Rifacimento ex novo dello stabile
- Ricostruzione completa di tutta l'apparecchiatura andata completamente demolita a seguito di bombardamento.
- Impossibile la riattivazione parziale.

Sottostazione di Via Pratese

- Riparazione avvolgimento del trasformatore da 3000 kVA a 60 kV

Linea di trasporto a 30 - 60 kV

- Sostituzione di alcuni sostegni
- Sostituzione di alcune catene di isolatori
- Rittesatura completa dei conduttori in acciaio alluminio
- Approvvigionamento dei giunti meccanici speciali.
- Sistemazione provvisoria dei sostegni abbattuti
- Sistemazione delle campate (il tracciato attraversa zone minate)

Rete a media e bassa tensione

- Ricostruzione delle cabine di trasformazione abbattute e riparazione di quelle danneggiate.
- Ricostruzione delle linee a media e bassa tensione e della rete di illuminazione di tutte le zone con particolare riguardo a quelle della città di Pistoia che è totalmente demolita.
- Sistemazione provvisoria con mezzi di fortune delle linee a media tensione, delle cabine di trasformazione e della rete a bassa tensione.
- Impossibile sistemare provvisoriamente l'illuminazione pubblica.

Tel.489081

HEADQUARTERS ALLIED COMMISSION
A.P.O. 394
Public Works and Utilities Sub-Commission

LWL/ac

Reference : 102/ /PWU
Subject : FERAM Steel Foundries

To : REGIONAL COMMISSIONER LAZIO-UMBRIA REGION
(Attention Regional Engineer)

1) - Reference your letter 16th Nov. 44 concerning the ACEA request for work to be carried out at the FERAM Steel Foundries.

2) - This matter has been taken up with the DW and his reply is that as the firm is working 100% on Field Ranges. They cannot make any release at the present.

3) - It is suggested that you try the other foundries nearby which are not controlled and also :

CECCHINI - Via Castel Bologna, 5
GALLINI - Via Tiburtina, 356

W.M.LAPPER
Lieut-Colonel
Chief Elec. Div.

135

Del folio 5 - Folder 102

16 NOV Rec'd
102 Cas

Tel. 843336.

JB/rm
co 1679

(5)

HEADQUARTERS
ALLIED MILITARY GOVERNMENT
Lazio-Umbria Region
(Engineering Division)
APO 394

16th November 1944

SUBJECT : F.E.R.A.M. Steel Foundries

TO : P.W. and Utilities Sub-Commission HQ. Allied Comm.

IN REPLY QUOTE : R4/ENG/762 (c)

1. The attached letter has been submitted to this office by A.G.E.A. Coy. for possible action.

2. On the face of it, it seems a waste, for this factory not to be used to its full advantage.

But on the other hand it is not proposed to support the building of any new project.

3. If it is considered necessary by you that this factory should return to steel fusion, then it is suggested that the work at present being done for D.W. - A.A.I. should be given to another foundry, as suggested in page 3 of the attached report.

For the Regional Engineer

E.P. WADE BROWN
Lieutenant
Chief E & M Section

Enclosures: Memorandum A.G.E.A

Lt Col Rapper
Pls reply Thx 17/11

HEADQUARTERS
8 NOV 1944
A-1555

Lt Col Jaffee
As we have a serious bottleneck in Steel foundry I believe we should recommend to AAI that their work be transferred to this smaller foundry and set up their present facilities for hydro plants exclusively.

Translation by: es

9 000 - 1944

MEMORANDUM FOR ENG. VINCENTI.

In order to reconstruct destroyed Stations it is necessary to perform, besides the big fusions already ordered to the Terni, some minor ones in steel. And for this, in order to not overload Terni more than necessary, and to have the work continually in hand, it is necessary to set up a proper work-shop in Rome.

We have, therefore, called on F.N.R.A.M.'s Establishment in Via della Ranocchia N°18 (near Scalo S.Lorenzo) and we have had the following informations from the technical manager Ing. Arata.

1) Production and machinery.

The Enterprise is specialized in steel fusions (for which it is working in the last 20 years) and has a staff specialized in fusions. The foundry has anelectric arc oven of 400 Kw.

2) Situation.

The Enterprise has stopped its steel fusions since the first bombardment of Rome on the 19th July 1943 on account of the damages suffered by its establishment, which now has been put in working order and is actually engaged in an order of small camp kitchens in cast-iron for the Allies. The orderer is A.A.I. - D.W. (Engineering General Allied Command) with office in Rome, Via delle Botteghe Oscure N°46; the chief of the Office is Capt. Bogger and Capt. Caine is the one looking after this order.

100 Kitchens should be delivered every month and the work should continue for at least 7-8 months. Up to date only few pieces have been delivered.

The foundry, which only works for the Allies and under their orders, has not been subject to requisition.

3) Necessities of the establishment.

a) We beleive it would be difficult to suspend or even delay delivery of the supply in hand and, in order to initiate the steel fusions, to which the Enterprise would like to

We have, therefore, called on F.E.R.A.M.'s Establishment in Via della Ranocchia N°18 (near Scalo S.Lorenzo) and we have had the following informations from the technical manager Ing. Arata.

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100 Kitchens should be delivered every month and the work should continue for at least 7-8 months. Up to date only few pieces have been delivered.

The foundry, which only works for the Allies and under their orders, has not been subject to requisition.

3) Necessities of the establishment.

a) We beleive it would be difficult to suspend or even delay delivery of the supply in hand and, in order to initiate the steel fusions, to which the Enterprise would like to return, it would be necessary to enlarge the actual establishment.

The Enterprise is dealing already with the FF.SS., owner of an enclosed area neighbouring our workshop and with the Coccioloni Firm, contractor of works for the Railways, who rents said area to deposit its own materials, in order to obtain the release in its favour of that ground.

./.

1555

A new pavillon would be built for the casting of cast-iron on part of this ground and the rest of it would be used as court for the cast-iron section.

To this date F.E.R.A.M. has obtained the ground for the pavillon but has not managed to settle with Coccioloni Firm about the space for the yard which is necessary. Actually some wooden beams and a few planks are heaped there.

As it appears from the enclosed sketch, immediately after the area of the FFSS there is a ground owned by the Comune, which once upon a time was used as depot for flint stones and now is left unused, and this solution could be adopted, if the Commune accepts: The Coccioloni Firm should set its depot there. We believe that this arrangement would easily be met with and Feram in this case is ready to refund to that Firm all expenses already made to set up its actual depot.

b) When FERAM will have obtained the whole space it will need all the material for the pavillon covering. At this purpose, with the permission of the FFSS, the whole plate of a projecting roof fallen next to the establishment of the Scalo Merci S. Lorenzo would be useful and usable. The Enterprise would arrange to provide itself of a small-apparato to install intthe new pavillon getting it from the Fiorentini Firm, of which it is a good supplier.

c) The establishment is supplied of power by the SRE with a cavo at 8 KV and it must be subjected to the "Turni" of electric power.

Naturally, if the above programme were to be realised, it would be necessary to obtain a daily continual supply (24 hours on 24 hours of electric power).

4) Capacity of production.

As we have already mentioned, in this new pavillon, whith could be got ready in one month and anhalf from the date of the clearing of all the area rented by the Coccioloni Firm, the casting of cast iron would be continued, whilst in the old pavillon iron and steel alternated fusion and steel casting would take place.

Working in steel and cast iron fusions the Enterprise

which once upon a time was used as depot for flint stones and now is left unused, and this solution could be adopted, if the Commune accepts: The Goccioloni Firm should set its depot there. We believe that this arrangement would easily be met with and Feram in this case is ready to refund to that Firm all expenses already made to set up its actual depot.

b) When FERAM will have obtained the whole space it will need all the material for the pavillon covering. At this purpose, with the permission of the FFSS, the whole plate of a projecting roof fallen next to the establishment of the Scalo Merci S. Lorenzo would be useful and usable. The Enterprise would arrange to provide itself of a small repair crane to install in the new pavillon getting it from the Fiorentini Firm, of which it is a good supplier.

c) The establishment is supplied of power by the SRE with a cable at 8 KV and it must be subjected to the "Turni" of electric power.

Naturally, if the above programme were to be realised, it would be necessary to obtain a daily continual supply (24 hours on 24 hours of electric power).

4) Capacity of production.

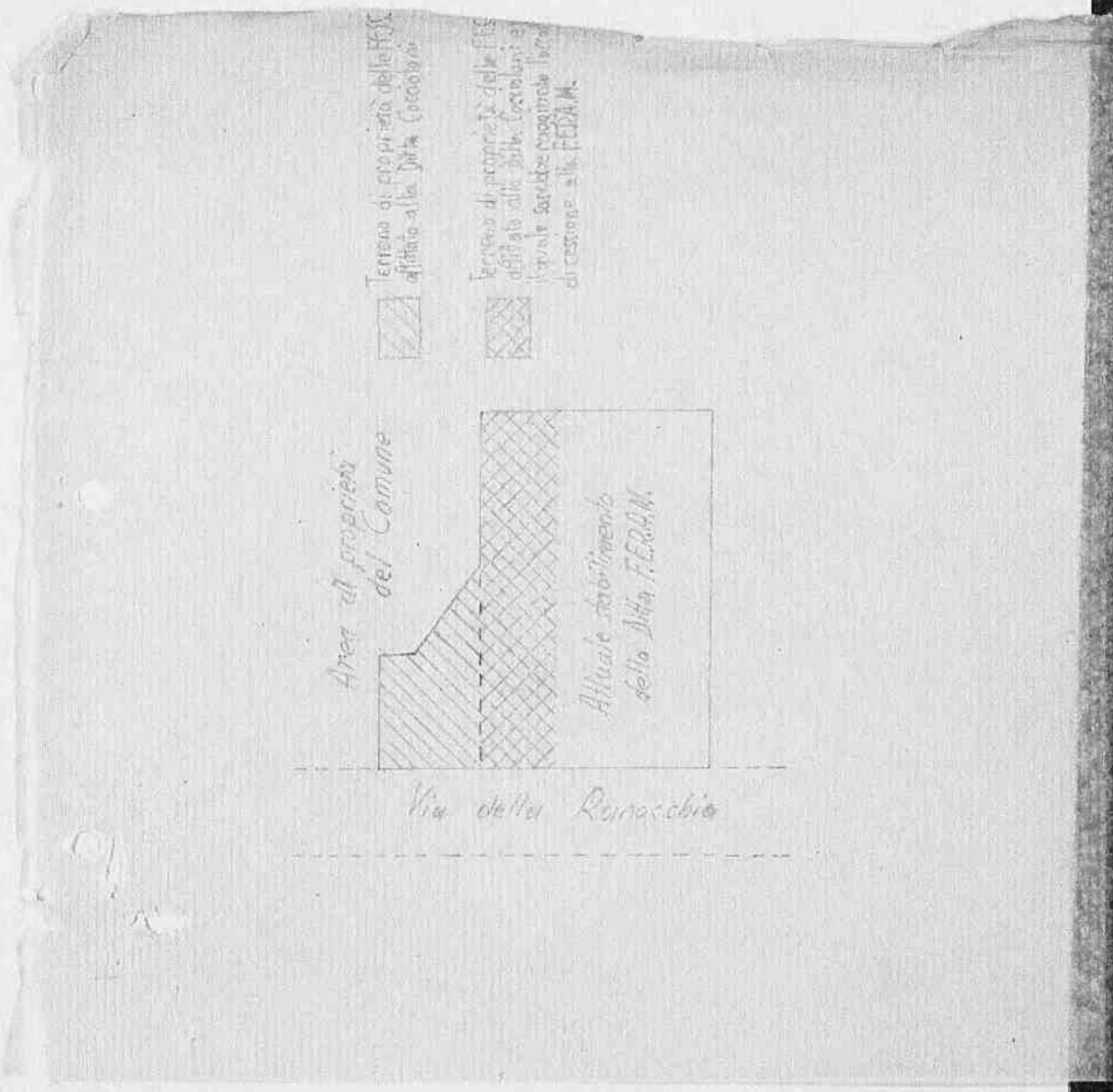
As we have already mentioned, in this new pavillon, which could be got ready in one month and anhalf from the date of the clearing of all the area rented by the Goccioloni Firm, the casting of cast iron would be continued, whilst in the old pavillon iron and steel alternated fusion and steel casting would take place.

Working in steel and cast iron fusions the Enterprise is in the possibility of guaranteeing a monthly production of the latter of 80 (eighty) and even of a hundred tons in small and medium size parts of machinery we must consider that the FERAM has already made fusions in medium size parts for presses

On account of the importance of the question and the evident utility not only for the enterprise but for all the Roman industry to dispose of a steel foundry, it would be necessary to obtain from the Commune the area requested.

If that were not possible, the allied work could be given to another foundry of cast iron making FERAN free to work in steel fusion.

We advise you that a foundry which has machinery and tools adapted for cast iron fusions is the one of Fratelli Meloni in Via Assisi.



Tel.432

TGE/ggp

Ref.AC/5673/IND

8 Nov.44

SUBJECT : Boiler Tubes

TO : Public Works & Utilities Sub-Commission.

FROM : Industry Sub-Commission, Metallurgical Division.

Lt Col Rapper
Pls let me have your comments
Raj 10/11

1. Our ACC/5673/IND of 17 Oct.44, and your ACC/306/PWU of 22 Oct.44, refer.

cc. Major Burton
(DW.API)
control

2. We have obtained confirmation that the Pipe Works at Bari is still occupied by 862 Mechanical Equipment Park Coy Royal Engineers and 716 Engineer Equipment Workshop REME.

3. Until these units vacate these premises, there is no possibility of going into the production of boiler tubes. If, however, your requirements of tubes of all kinds are large in quantity, we could find sufficient justification to ask for derequisition and vacation of the premises.

4. In order to do this it would be necessary to have sufficient work for at least 6 months for the plant. This would amount to approx. 2.500 tons of assorted seamless tubes and pipes with a maximum diameter of 3½".

1552

W.S.VAUGHAN,
Director,
Industry Sub-Commission.

Copy to:-
Economic Section
File 5615