

ACC

10000|120|2952

RE 2/5

Sept - 1

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RE 2/5 TRAINING Publications

3632
3667

Sept. - Dec 1946

409

Telephone :-
Koch 14167.

LAND FORCE: SIT-COMMISSION, (M/MTA) CDP.

RE 2/5

1 December 46.

NOT TRG.

Subject :- Translations of Publications for Training.

1. Reference your TRG/63 dated 6 Nov. 46.
2. This section - NIL return.

[Signature]

Major,
SOPR, MTA.

JYM.

3065

8

INTER OFFICE MEMO

FROM: G(Trg)

TRG/63

TO : RE - REME - S & T - 12 BLA.

3 Dec 46

4

Ref this Office Memo Trg 63 of 6 Nov 46.

May a reply please be given as soon as possible.

RFC/ana

Lt-Col,
GS, MMIA.

replied nil
hr

3664

Telephone
Room, 48908; Ext 476

LAND FORCES SUB COM, AG (MILA) CHQ

THO/63

14 Nov 46

15 CHQ Publications Depot.

Subject: Publications.

May 4 Copies of the following publications please be issued to this HQ.

- (a) Mil Engineering Vols I, II, III, IV, V and VI (with all parts and Pamphlets.
- (b) Manual of Field Engineering (all numbers)
- (c) MS Pocket Book
- (d) MS Trg Memorandum (all numbers)
- (e) MS Pocket Memorandum (or similar name published in substitution of the old MS Pocket Book)

Less

MS Vol III Part III
MS Vol III Part II Pamphlet 13 Folding Boat Equipt.
MS Vol IV Part I Demolitions

CHQ/MS

File

W B Connel Major RA

Lt-Col,
MS, MILA.

Copy to: SD MS

3663

~~138~~
3

Telephone:
Room 4290M Ext 467

LAND FORCE HQ-CORP, AF (DATA) CORP

2/5

REC-7.
9 Nov 46.

"G" TTB

Subject:- Pamphlets and Trg Films

1. May the following Engineering Pamphlets please be issued or obtained for this Section for reference and selected copies for issue to the Italian Engineer School.

- * (a) Mil Engineering Vols I, II, III, IV, V & VI (with all Parts and Pamphlets available) 2 copies each
- (b) Manual of Field Engineering (all numbers) ... 2 copies
- (c) ME Pocket Book 2 copies
- (d) ME Trg Memoranda (all numbers) 2 copies
- (e) ME Pocket Memorandum (or similar name published in substitution of the older ME Pocket Book) 2 copies
- * ~~1383~~ ME Vol III Part III Bailey Bridge Normal Use
- ME Vol III Part II Pamphlet No 13-Soldier Boat Boat
- ME Vol IV Part I

-Dissolutions

3659

- 2 -

~~1228~~
38

2. May the following Trg films also be supplied for the Eng School?
A 35 mm projector now exists at the School.

- films -	35 mm - film	No of
Title of film	No	Reels
1) - Use of Mechanical Equipment In Warfare	B 278	2
2) - Devote in Plant	B 402	1
3) - U.X.B. Unexploded Bombs	B 198	6
4) - Anti - personnel Obstacles Doby traps	B 133	2
5) - Anti - Vehicle Obstacles	B 146	5
6) - Detection and Neutralisation of Enemy Mines:		
German Tellermine 35, the "33 (Steel) and "42	B 608	1
German Tellermine " 34 (Mushroom)	B 728	1
7) - Assault bridge	B 135	4
8) - Pontoon Equipment H K V		
Part I	B 214	2
Part II	B 305	3
Part III	B 306	2
9) - Folding Boat Equipment, H K III		
The Folding Boat	B 502	2
The half floating bay	B 503	2
The floating bay	B 505	2
Ferrying	B 506	3
Transport loading and unloading	B 507	2
10) - "X" Marks the Spot	B 348	2
11) - Know your way	B 352	2

copy to C. P. Eng School

h. 11/11/58
3658
SORE

SCUOLA ARTIGERI DEL GENIO
COMANDO

*Insert in file
at late's date 2X (i)*

N. 001/9747 di prot.

Civitavecchia, 11 22-ottobre 1946

SUBJECT:- Allogement of materials to Italian Eng. neer School Civita
vecchia.-

TO MAJOR WILKINSON

I send a list of stores pamphlets, films necessary, for our scho
ol for now, the Stores marked with a cross being requested through
Italian War Office.

also
You should try to get the *other* described materials or everything
you understand can be useful for carrying out a good training.-

IL COLONNELLO COMANDANTE
(Aldo Targioni Violani)

hl

3657

any other people which could be useful for training not equal above. -

- 713 -

Ratio of 111

35 444 - 211a
of 44

1) -- Use of Mechanical Equipment

4) - Field works (All chapters)

5) - Rafting and bridging (All chapters)

6) - Royal Engineer's Training Memorandum (All numbers)

7) - All instructions on the machinery used by Engineering

Many other pamphlets which could be useful for training not
noted above."

X X - - films -

Title of film

35 mm - film
N° of
Reels

1) - Use of Mechanical Equipment
in Defence

B 272 2

2) - Demolishing Plant

B 402 1

3) - U.K.B. Unexploded Bombs

B 198 6

4) - Anti - Personnel Obstacles

B 133 2

Booby traps

5) - Anti - Vehicle Obstacles

B 146 5

6) - Detection and Neutralization of
Enemy Mines:

German Tellermine "35, the "35 (Steel)
and "42

B 603 1

./.

3656

German Tellermine " 34 (Aachroes)

B 720

1

7) - Assault bridge

B 135

4

8) - Pontoon Equipment M X V

Part I

B 254

3

Part II

B 305

3

Part III

B 305

2

9) - Folding Boat Equipment, M X III

The folding Boat

B 502

2

The half floating bay

B 503

2

The floating bay

B 505

2

Ferrying

B 506

2

Transport Loading and unloading

B 507

2

10) - eye ^{reads} the Spot

B 358

2

11) - Knows your way

B 359

2

12) - there are many American films, not named above and very useful for Engineer training.

ROADS AND MECHANICAL EQUIPMENT

REQUISITE FOR ROAD AND MECHANICAL EQUIPMENT

A Instruments for surveying (strumenti topografici)

- 1) Compass
(bussola) 10
- 2) Theodolite
(teodolite) 1
- 3) Tacheometer
(tachemetro) 3
- 4) de Lisle clinometer
(clinometro de Lisle) 2
- 5) Square and optical square
(squandro e squadre a specchio) 2
- 6) Telesmeter
(telemetro) 3
- 7) Surveyor's level, levelling instrument
(livello a cannocchiale tipo inglese)
- 8) Plane table
(tavoletta topografica) 4
- 9) All accessories for surveying

B Mechanical equipment

- 10) Road roller (10 tons) (23 (B) 9) (Cancello) + 1
- 11) Huber roller (10 tons)
(compressore stradale da 10 tons) (Cancello) + 1
- 12) Scraper (4 cu yards)
or
Scraper (8 cu yards) } (Cancello) + 1
- 13) Caterpillar tractor D4
or
Caterpillar tractor D4 } (Cancello) + 1

4)	de liale elinometer (clinometro de liale)	2	
5)	square and optional square (squadro e squadre a specchio)	2	
6)	Telesmeter (telesmetro)	3	
7)	Surveyor's level, levelling instrument (livello a cannocchiale tipo inglese)	4	
8)	Plane table (tavola topografica)		
9)	All accessories for surveying		
2	Mechanical equipment		
10)	Read roller (10 tons) (23 (2) D) (Cancello) +	1	
11)	Huber roller (10 tons) (Compressore stradale da 10 tons)	1	(Cancello) +
12)	Scraper (4 cu yards) or Scraper (8 cu yards)	1	{ (Cancello) +
13)	Caterpillar tractor D4 or Caterpillar tractor D4	1	{ (Cancello) +
14)	Pace or Crowd-shovel (escavatrici a cucchiaio spingente)	1	(Cancello) +
15)	Dredline-crane (Senna strisciante con fune inclinata)	1	(Cancello) +
16)	Dumper (Autocarro)	365	(Cancello) +
17)	D & Hyster crane (Grn)	1	(Cancello) +
18)	Motor grader - Caterpillar	1	(Cancello) +
19)	Skimmer (Escavatrice a pala da livellare)	1	(Cancello) +

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20)	Tract excavator (Escavatrice a trattore)	(Cancellato) +	1
21)	Angledoser	(Cancellato) +	1
22)	Compressor, air, trailer - mounted, D A V E (American) (Gruppo motocompressore D A V E)	(Cancellato) +	1
23)	Compressor, air, trailer - mounted Cartepillar (Gruppo motocompressore Cartepillar)	(Cancellato) +	1
24)	Compressor, air, trailer - mounted Ingersoll Rand	(Cancellato) +	1
25)	Compressor, air, trailer - mounted Alfa Romeo	(Cancellato) +	1
26)	Crusher acting by jaws (Frantoi a mazzello)	(Cancellato) +	1
27)	Concrete Mixer (Motoliera)	(Cancellato) +	1
28)	Mechanical Mixer (Mescolatrice meccanica)	(Cancellato) +	1
29)	Sprayer (Irrigatrice)	(Cancellato) +	1
30)	Spare parts (Parti di ricambio)	(Cancellato) +	1
31)	Hand Hammer (Mazzapicchio)	(Cancellato) +	20
32)	Hand Hammer drill (Martello, pneumatico, perforatore)	(Cancellato) +	2
33)	Drifter or cradle mounted drill (Martello perforatore con culla di sostegno)	(Cancellato) +	2
34)	Bits of various types (as single chisel bit, double chisel bit, cone bit and so on) (Punte di vario tipo e dimensioni)	(Cancellato) +	2
35)	Pneumatic Pick (Piccinino pneumatico)	(Cancellato) +	2
36)	Water tank truck or water tank trailer	(Cancellato) +	1

	(Cancellato) +	1
23) Grasper acting by jaws (Frantoio a mazzelle)		1
24) Concrete Mixer (Motoniera)		1
25) Mechanical Mixer (Mescolatrice meccanica)	(Cancellato) +	1
26) Sprayer (Irrigatrice)	(Cancellato) +	1
27) Spare parts (Parti di ricambio)	(Cancellato) +	1
28) Hand Hammer (Mazzapicchio)		20
29) Hand Hammer drill (Martello, pneumatico, perforatore)		2
30) Drifter or grapple mounted drill (Martello perforatore con culla di sostegno)		2
31) Bits of various types (as single chisel bit, double chisel bit, core bit and so on) (Pioletti di vario tipo e dimensioni)		2
32) Pneumatic Pick (Piccinino pneumatico)		2
33) Water tank truck or water tank trailer with accessories (Autocarro cisterna o carrello cisterna)		1
34) Moterpump and hand pump with hoses (Motopompa e pompa a mano con tubi)	(Cancellato) +	1
35) Engine generator (Gruppi elettrogeni)	(Cancellato) +	3633
36) Equipment for soil survey (Equipaggiamento per il sondaggio dei terreni)		
37) Mechanical equipment for borings (Equipaggiamento meccanico per trivellazioni)		
38) Various electro and pneumatic tools for working wood and iron (Attrezzi elettrici e pneumatici per la lavorazione del legno e del ferro)		

FIELD ENGINEERING

1) Blacksmith Chests (Cassette da fabbro)	(Cancello) +	
2) Carpenters Chests (Cassette da carpentiere)	(Cancello) +	5
3) Joiner Chests (Cassette da falegname)	(Cancello) +	5
4) Mason Bags (Borsa da muratore)	(Cancello) +	5
5) Electrician Bags (Borsa da elettricista)	(Cancello) +	5
6) Miner chests (Cassette da minatore)	(Cancello) +	5
7) Various tools as axes cut saws, hand saws picks, pickaxes, blasting tools and so on (Attrezzi vari quali sega a due mani, picce, mini, gruvine, arnesi per le scoppie ecc.)		
8) Timber (Legname)	9" x 9" Baulk 9" x 3" Scant 9" x 6" " Spare 20 long	Rt. 1000 " 2000 " 1000 " 50
9) Nails and screws of various sizes (Chiodi e viti di varie dimensioni)		cwt 4
10) Pickets screw long and short (Picchetti in ferro lunghi e corti)	(Cancello) +	1000
11) Camouflage nets (Reti mimetiche)	+ (Cancello)	Sq. Yards 2000
12) Camouflage frames and individual units (Centine per il mascheramento)		
13) Camouflage paints (Vernici per il mascheramento)		

5)	Electrician Bags (Borsa da elettricista)	(Cancello) +	5
6)	Binoculars (Cassette da binoculari)	(Cancello) +	5
7)	Various tools as axes cut saws, hand saws pickaxe, pickaxe, blasting tools and so on (Attrezzi vari quali sega a due mani, picco, sini, gravine, arnesi per lo scoppio ecc.)		ft. 1000 " 2000 " 1000 " 50
8)	Timber (Legname)	(Cancello)	4
9)	Rolls and cores of various sizes (Chiodi e viti di varie dimensioni)		
10)	Pickets some long and short (Picchetti in ferro lunghi e corti)	(Cancello) +	1000
11)	Camouflage nets (Reti mimetiche)	(Cancello) Sq. Yards 2000	
12)	Camouflage frames and individual suits (Centine per il mascheramento)		
13)	Camouflage points (Vernici per il mascheramento)		
14)	Paints for bridging maintenance (Vernici per la manutenzione ponti)		
15)	Ropes and lashings of various sizes (Corde e funi di varie dimensioni)		
16)	Steel wire ropes of various sizes (Cavi d'acciaio di spessore vario)	(Cancello) 20	3652
17)	Big tent for storehouses (Tendoni grandi per magazzino)	(Cancello) 20	25
18)	Somersetfield track, 42 1/2 Yd Rolls (Pavimentazione Somersetfield, rotoli da 11,4 m)	(Cancello)	

3651

Refueling and Bridging

- 1) - Assault boats, M.E. III (Battello d'assalto M.E. III) 30
 Notes: The boose stores to be provided with each boat are as follows
 7 paddle (1 spare)
 1 steaming oar
 1 set emergency repair out fit
 40 fat boos 1 1/2" cordage
 1 man
 5 5-1/2" pickets
- 2) - Kapok assault bridge (passarella d'assalto in Kapok) 10000 ft
 Notes: Equipment required for 10000 feet of bridge
 Floats { 160
 Brenness {
 Decking 160
 1 1" cordage 4000 yard
- 3) - Sets of superstructure raft, anti-tank gun M.II 3
 (with two M.E. III assault boats)
 (Sezioni di sovrastruttura per la pertiera costruita con due bat-
 telli d'assalto M.E. III, adibita al trasporto del pezzo antiaer-
 ro M.E. II)
- 4) - Sets superstructure T.E.E. raft, Class 3 M.E. III 5
 (Sezioni di sovrastruttura per pertiera costruita con bat-
 telli del tipo M.E. III della portata di 5 tonnellate)
- 5) - M.E. I attachment sets for flotation of carrier with M.E. III 5
 (Serie di attacchi per il galleggiamento delle cingollette su
 battelli d'assalto M.E. III)
- 6) - M.E. I Attachment sets for carrier flotation with Kapok 5
 Floats (Serie di attacchi per il galleggiamento della
 cingollette su galleggianti in Kapok)
- 7) - Reconnaissance boat (Cancello) 20
 (Battello pneumatico per ricognizione)
- 8) - Storm boats (Cancello) (Barca d'assalto) 50
- 9) - Beach anti-cord motor set, M.E. III with cross frame T.E.E. 10
 (motori fuori bordo M.E. III con telaio per applicazione ai batt-
 telli del T.E.E.)

- 3) - Sets of superstructure raft, anti-bulk gun rail
(with two MK III assault boats)
(Sesione di sovrastruttura per la portiera costruita con due battelli d'assalto MK III, adibite al trasporto del peso antiaereo MK II) 5
- 4) - Beta superstructure P.B.E. raft, class 3 MK III
(Sesione di sovrastruttura per portiera costruita con battelli del tipo MK III della portata di 5 tonnellate) 5
- 5) - MK I Attachment sets for flotation of carrier with MK III 5
(Serie di attacchi per il galleggiamento delle cingollette su battelli d'assalto MK III)
- 6) - MK I Attachment sets for carrier flotation with Napok Flots (Serie di attacchi per il galleggiamento delle cingollette su galleggianti in Napok) 5
- 7) - Reconnaissance boat (Cancello)
(Battello pneumatico per ricognizione) 20
- 8) - Storm boats (Cancello) (Barca d'assalto) 50
- 9) - Seagull outboard motor set, MK III with cross frame P.B.E. 10
(motori fuori bordo MK III con telaio per applicazione ai battelli del P.B.E.)
- 10) - Complete sets of propulsion equipment 5
- 11) - Sets of Pontoon Equipment P.B.E. (Cancello) 3
- 12) - Bailey bridge (spare parts) +
- Hammer Side (Battelli per spinotti ponte Bailey) 100 3650
 Carrying Launches (Bastoni per trasporto pannelli) 100
 3/4" Spunners Key 3/4" (Chiave a manovella) 30
 3/4" " " retalli 3/4" (Chiave a coda) 30
 3/4" " " 1/4" (Chiave a coda) 30
 Bags transport (Borse trasporto) 150
 Chassis (Tavole per copertura) 200

Templates roller rocking (Base per rullo oscillante)

n. 50

" " plain (Base per rullo fisso)

" 50

Bearing plates (Supporti)

" 25

Jacks (Montatori verticali)

" 30

Base plates (Piastrine di base)

" 30

Jack bars (Leve per datti)

" 15

Statobot spinnere (Ghèrvl e scatto pe bulloni)

" 20

Card jacks levers (Lave con leute e scatto)

" 20

Baracche di legno

" 6

Elementi di legno per tettoie

" 100

Lamiere cingate ondulate (Cancelli)

" 200

Legname in tavoloni di varie dimensioni (Cancelli)

m³ 30

3649

EXPLOSIVES AND MINES

Item	(Anomaly)	(libbre)	lbs	
Plastic 808	(Plastico 808)		"	5000
Submarine				
Slabs gun cotton (Fulmicotone unido)			"	5000
Primers gun cotton (" 3000)			"	1300
Cordtex (Miccia detonante)		(piedi)	ft	10000
Pase inst. MK IV (Miccia ist.)			"	10000
F.I.D. (" a tubo di piombo)			"	5000
Fuse capety (" a lenta)			"	5000
Detonators n° 27 (Capsule n° 27)			n°	3000
" " 33 (" elettr. n° 33)			"	3000
Wire trip .014 yards (Filo a strappo 0,14)			ft	2000
" " .032 " (" " 0,32)			"	2000
Matches fuses boxes (Piazziferi contrevanto)		set.		250
Switches n° 1 Pull (Matite a tempo vari colori)				
" 2 Press				
" 3 Release				
" 8 A/T				
" 9 4/D				
" 10 T.P. red			n°	1000
"	blu			
	white			
	yellow			
	green			
	black			

Exploders dynamo M.K.7
(Esplositori a dinamo)

Detonators n° 27 (Capsule n° 27) n° 3000
 " " 33 (" electr. n° 33) " 3000
 Wire trip .014 yards (Filo a strappo G.14) ft 2000
 " " .032 " (" " " 0,32) " 2000
 Matches fusée boxes (Piumiferi controvento) set. 250
 Switches n° 1 Pull (Matite a tempo vari colori) n° 1000

" 2 Press

" 3 Release

" 8 A/P

" 9 4/D

" 10 T.P. red

" blu

white

yellow

green

black

Exploders dynamo M.K.7
 (Esplosivatore a dinamo)

Test Set demolition M.K.1

Cable electric

Shrapnel M.K.II

Mines A/T M.K.V
 (Mine anticarro)

Fuses n° 3 mines contact
 (Spolette per mine anticarro M.K.V)

Mines n° 73

Mines M.7

Spares parts for

Detector mines

(tubes, resistances, condensers, batteries.....)

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2648

- 2 -

Tracing tape	yards	5.000
Lashings 1"	faths	1.000
Cordage 1 1/2"	"	1.000
" 2"	"	1.000

3647

Other Materials

taken by A R A R that Italian War
Office should allot to

Italian Engineer Central School

- Civitavecchia

		No.	
- Motor pile driver (Battipalo a motore)	(campo Grotte Marone)	2	
- Oil varnish (Vernice ad olio)			
- Iron wheel barrow (Carriolo in ferro)	(" Bagnoli)	50	
- Round iron bars (Ferro tondo)	(" Lago Pucaro)	40	
- Shovels (Badili)	(" Ferro Annunziata)	200	
- Picos (Gravine)	(" ")	200	
- Rasps (Raspe)	(" Castellamare di Stab.)	40	
- Grinding wheel (Vela da affilare)	(" ")	1	
- Ganges and chisels (Sgarbie e scalpelli)	(" ")	50	
- Driver screws (Cacciaviti)	(" ")	50	
- Portable drills (Trapani portatili)	(" ")	15	
- Chests welding burners, (Cassette, cannelli per saldature complete)	(" ")	4	
- Arc lamps (Lampade a benzina per saldare)	(campo Castell. di Stab.)	3	
- Battery charging boards (Cariche Batterie)	(")		

- Iron wheel barrow (Carriole in ferro)	(" Lago Fusaro)	wt 40	
- Round iron bars (Ferro tondo)	(" Terre Annunziata)	N° 200	
- Shovels (Badilli)	(" " ")	" 200	
- Pisces (Gravine)	(" Castellamare di Stab.)	" 40	
- Raps (Raspe)	(" " ")	" 1	
- Grinding wheel (Rota da affilare)	(" " ")	" 50	
- Ganges and chisels (Sgorbie e scalpelli)	(" " ")	" 50	
- Driver screws (Cacciaviti)	(" " ")	" 15	
- Portable drills (Trapani portatili)	(" " ")	" 4	
- Chests welding burners, (Cassette, cannelli per saldature complete)	(" " ")	" 3	
- Alon lamps (Lampade a benzina per saldare)	(campo Castell. di Stab.)	" 2	
- Battery charge boards (Quadro carica batterie)	(campo Castell. di Stab.)	wt 2	
- Varnishes (Vernici)	(campo Maddaloni)	" 20	
- Joiners chisels (Cassette da falegname)	(campo Arzano)		
- Writing materials (" ")		3646	

Trans. C. I. Engineer School.

2x (11)

- PAMPHLETS -

- 1) - Military Engineering Volume I - II - III - IV - V - VI
- 2) - Roads, Airfields, Mechanical equipment Part I - II - III
- 3) - Bailey bridge - Special uses Chapters I - II - III - IV - V
- 4) - Field works (All chapters)
- 5) - Rafting and bridging (All chapters)
- 6) - Royal Engineer's Training Memorandum (All numbers)
- 7) - All instructions on the machinery used by Engineering

Many other pamphlets which could be useful for training not named above.-

- Films -

Title of film	35 mm - film	N° of Reels
I) - Use of Mechanical Equipment		
in Defence	B 278	2

- 4) - Field works (All chapters)
- 5) - Rafting and bridging (All chapters)
- 6) - Royal Engineer's Training Memorandum (All numbers)
- 7) - All instructions on the machinery used by Engineering

Many other pamphlets which could be useful for training not
nqued above.-

- Films -

Title of film	35 mm - film No	No of Reels
1) - Use of Mechanical Equipment in Defence	B 278	2
2) - Dewatering Plant	B 402	1
3) - U.I.B. Unexploded Bombs	B 198	5
4) - Anti - Personnel Obstacles Booby traps	B 133	2
5) - Anti - Vehicle Obstacles	B 146	5
6) - Detection and Neutralization of Enemy Mines: German Tellermine "35, the "35 (Steel) and "42	B 603	1

Trasport Loading and unloading

B 506
B 507

3
2

10) - "X" makes the Spot

B 358

2

11) - Know your way

B 359

2

12) - There are many American films, not named above and very useful for Engineer training.--

3644

ROADS AND MECHANICAL EQUIPMENT

A) Instruments for surveying (Strumenti topografici)

1) Compass (bussola)	10
2) Theodolite (teodolite)	1
3) Tacheometer (tachemetro)	3
4) de Lisle clinometers (clinometro de Lisle)	2
5) Square and optical squares (squadro e squadra a specchio)	2
6) telemeters (telemetro)	3
7) Surveyor's level, levelling instruments (livello a cannocchiale tipo inglese)	
8) Plane tables (tavoleta topografica)	4
9) All accessories for surveying	

NOTE
These items are most essential if training is to be of a high grade.

B) Mechanical equipment

10) Road roller (10 tons) (ES (B) D) (Cancello) +	1
11) Huber roller (10 tons) (Compressore stradale da 10 tons) (Cancello) +	1
12) Scraper (4 cu yards) or Scraper (8 cu yards)	1
13) Cartepillar tractor D4 or Cartepillar tractor D4	1

(clinometro de Lisle)

5) Square and optical squares
(squadro e squadro a specehi)

6) Telemeters
(telemetro)

7) Surveyor's level, levelling instruments
(livello a cannocchiale tipo inglese)

8) Plane tables
(tavola topografica)

9) All accessories for surveying

B) Mechanical equipment

10) Road roller (10 tons) (ES (E) D) (Cancello) +

11) Huber roller (10 tons) (Cancello) +
(Compensatore stradale da 10 tons)

12) Scraper (4 cu yards) } (Cancello) +
or
Scraper (8 cu yards) }

13) Caterpillar tractor D4 } (Cancello) +
or
Caterpillar tractor D4 }

14) Face or Crowd-shovel (Cancello) +
(escavatrice a cucchiaio spingente)

15) Dragline-crane (Cancello) +
(Benna strisciante con fune inclinata)

16) Dumper (Cancello) +
(Autocarrello)

17) D 4 Hyster crane (Cancello) +
(Gru)

18) Motor grader - Caterpillar (Cancello) +

19) Skimmer (Cancello) +
(Escavatrice a pala da livellare)

-/-

20)	Tract excavator (Escavatrice a trattore)	(Cancello) +	1
21)	Angledozer	(Cancello) +	1
22)	Compressor, air, trailer - mounted, D A V E (american) (Gruppo motocompressore D A V E)	(Cancello) +	1
	Compressor, air, trailer - mounted Carterpillar (Gruppo motocompressore Carterpillar)	(Cancello) +	1
	Compressor, air, trailer - mounted Ingersoll Rand	(Cancello) +	1
	Compressor, air, trailer - mounted Alfa Romeo	(Cancello) +	1
23)	Crusher acting by jaws (Frantoio a mascelle)		1
24)	Concrete Mixer (Betoniera)		1
25)	Mechanical Mixer (Mescolatrice meccanica)	(Cancello) +	1
26)	Sprayer (Irroratrice)	(Cancello) +	1
27)	Spare parts (Parti di ricambio)	(Cancello) +	1
28)	Hand Rammer (Mazzapiocchio)		20
29)	Hand Rammer drills (Martello, pneumatico, perforatore)		2
30)	Drifter or cradle mounted drill (Martello perforatore con culla di sostegno)		2
31)	Bits of various types (as single chisel bit, double chisel bit, cross bit and so on) (Pioletti di vario tipo e dimensioni)		
32)	Pneumatic Pick (Piccinino pneumatico)		2
33)	Water tank truck or water tank trailer with accessories		1

24) Concrete Mixer
 (Betoniera) 1
 (Cancello) +

25) Mechanical Mixer
 (Mescolatrice meccanica) 1
 (Cancello) +

26) Sprayer
 (Irroratrice) 1
 (Cancello) +

27) Spare parts
 (Parti di ricambio) 20
 (Cancello) +

28) Hand Rammers
 (Mazzapichio) 2

29) Hand Rammer drills
 (Martello, pneumatico, perforatore) 2

30) Drifter or cradle mounted drill
 (Martello perforatore con culla di sostegno) 2

31) Bits of various types (as single chisel bit,
 double chisel bit, cross bit and so on)
 (Fiorretti di vario tipo e dimensioni) 2

32) Pneumatic Pick
 (Piccozzino pneumatico) 1

33) Water tank truck or water tank trailer
 with accessoires
 (Autocarro cisterna o carrello cisterna) 1

34) Motorpump and ~~Hand~~ pumps with hoses
 (Motopompe o pompe a mano con tubi) (Cancello) + 3642

35) Engine generators
 (Gruppi elettrogeni) 3
 (Cancello) +

36) Equipment for soil surveys
 (Equipaggiamento per il sondaggio dei terreni) ?

37) Mechanical equipment for borings
 (Equipaggiamento meccanico per trivellazioni) ?

38) Various electro and pneumatic tools for
 working wood and iron
 (Attrezzi elettrivi e pneumatici per la lavo-
 razione del legno e del ferro)

FIELD ENGINEERING

1)	Blacksmith Chests (Cassette da fabbro)	(Cancello) +	5
2)	Carpenters Chests (Cassette da carpentiere)	(Cancello) +	5
3)	Joiner Chests (Cassette da falegname)	(Cancello) +	5
4)	Mason Bags (Borsa da muratore)	(Cancello) +	5
5)	Electrician Bags (Borsa da elettricista)	(Cancello) +	5
6)	Miner chests (Cassette da minatore)	(Cancello) +	5
7)	Various tools as, cross cut saws, hand saws pickaxe, pickaxe, blasting tools and so on. (Attrezzi vari quali sega a due mani, piccoz- zini, gravine, arnesi per lo scoppio ecc.)		
8)	Timber (Legname)	9" x 9" Baulk 9" x 3" Scant 9" x 6" " Spars 20 long	ft. 1000 " 2000 " 1000 No 50
9)	Nails and screws of various sizes (Chiodi e viti di varie dimensioni)	(Cancello) +	cwt 4
10)	Pickets screws long and short (Picchetti in ferro lunghi e corti)	(Cancello) +	1000
11)	Camouflage nets (Reti mimetiche)	(Cancello) +	Sq. Yards 2000
12)	Camouflage frames and individual snits (Cantine per il mascheramento)		
13)	Camouflage paints (Vernici per il mascheramento)		

- 4) Mason Bags
(Borsa da muratore) (Cancello) + 5
- 5) Electrician Bags
(Borsa da elettricista) (Cancello) + 5
- 6) Miner chests
(Cassette da minatore) (Cancello) + 5
- 7) Various tools as, cross cut saws, hand saws
picks, pickaxe, blasting tools and so on.
(Attrezzi vari quali sega a due mani, picos-
zini, grevine, arnesi per lo scoppio ecc.)
- 8) Timber 9" x 9" Baulk } ft. 1000
(Legname) 9" x 3" Scant } " 2000
3" x 6" " } (Cancello) + " 1000
Spars 20 long } No 50
- 9) Nails and screws of various sizes
(Chiodi e viti di varie dimensioni) cwt 4
- 10) Pickets screw long and short
(Picchetti in ferro lunghi e corti) (Cancello) + 1000
- 11) Camouflage nets
(Reti mimetiche) (Cancello) Sq. Yards 2000
- 12) Camouflage frames and individual snits
(Centine per il mascheramento)
- 13) Camouflage paints
(Vernici per il mascheramento)
- 14) Paints for bridging maintenance
(Vernici per la manutenzione ponti)
- 15) Ropes and lashings of various sizes
(Corde e funi di varie dimensioni)
- 16) Steel wire ropes of various sizes
(Cavi d'acciaio di spessore vario) (Cancello) cwt 20
- 17) Big tents for storehouses
(Tendoni grandi per magazzino) (Cancello) No 20
- 18) Sommerfeld track, 121/2 Yd Rolls
(Pavimentazione Sommerfeld, rotoli da 11,4 m/ (Cancello) " 25

3641

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Rafting and Bridging

- 1) - Assault boats, M.K.III (Battello d'assalto M.K.III) 50
KCPA: The loose stores to be provided with each boat are as follows
7 paddle (1 spare)
1 steering oar
1 set emergency repair outfit
40 fathoms 1 1/2" cordage
1 manila
2 5-yt pickets
- 2) - Kapok assault bridge (passarella d'assalto in Kapok) 10000 ft
KCPA: Equipment required for 10000 feet of bridge
Floats { 160
Transoms {
Decking 160
1 1/2" cordage 4000 yard
- 3) - Sets of superstructure raft, ant-tank gun M.II 5
(with two M.K.III assault boats)
(Sezione di sovrastruttura per la portiera costruita con due battelli d'assalto M.K.III, adibita al trasporto del pezzo anticarro M.K.II)
- 4) - Sets superstructure P.B.E. raft, Class 5 M.K.III 5
(Sezione di sovrastruttura per portiera costruita con battelli del tipo M.K.III della portata di 5 tonnellate)
- 5) - M.K.I Attachment sets for flotation of carrier with M.K.III 5
(Serie di attacchi per il galleggiamento della cingioletta su battelli d'assalto M.K.III)
- 6) - M.K.I Attachment sets for carrier flotation with Kapok 5
Floats (Serie di attacchi per il galleggiamento della cingioletta su galleggianti in Kapok)
- 7) - Reconnaissance boat (Cancello) * 20
(Battello pneumatico per ricognizione)
- 8) - Storm boats (Cancello) (Barca d'assalto) * 50
- 9) - Seagull outboard motor set, M.K.III with cross frame P.B.E. 10
(Motori fuori bordo M.K.III con telaio per applicarli ai battelli del P.B.E.)

- 3) - Sets of superstructure raft, ant-tank gun MKII
(with two MK III assault boats)
(Sezione di sovrastruttura per la portiera costruita con due battelli d'assalto MK III, adibita al trasporto del peso antice- ro MK II) 5
- 4) - Sets superstructure F.B.S. raft, Class 5 MK III
(Sezione di sovrastruttura per portiera costruita con bat- telli del tipo MK III della portata di 5 tonnellate) 5
- 5) - MK I Attachment sets for flotation of carrier with MK III 5
(Serie di attacchi per il galleggiamento delle cingollette su battelli d'assalto MK III)
- 6) - MK I Attachment sets for carrier flotation with Kapok 5
Flcats (Serie di attacchi per il galleggiamento delle cingollette su galleggianti in Kapok)
- 7) - Reconnaissance boat (Cancello) * 20
(Battello pneumatico per ricognizione)
- 8) - Storm boats (Cancello) (Barca d'assalto) * 50
- 9) - Small outboard motor set, MK III with cross frame F.B.S. 10
(motori fuori bordo MK III con telaio per applicarli ai bat- telli del F.B.S.)
- 10) - Complete sets of propulsion equipment 5 3639
3639
- 11) - Sets of Pontoon Equipment K.Z.V. (Cancello) 3
- 12) - Bailey bridge (spare parts) +
- Hammer Side (Martelli per spinotti ponte Bailey) 100
- Carrying Landies (Bastoni per trasporto pannelli) 100
- 3/4" Spanners Key 3/4" (Chiave a manovella) 30
- 3/4" " " rattali 3/4" (Chiave a coda) 30
- 3/4" " " " 1/4" (Chiave a coda) 30
- Boys transport (Battelli trasporto) 150
- Chesses (Tavole per copertura) 200

Lamiere zingate ondulate (Cancello)

Legname in tavoloni di varie dimensioni (Cancello)

" 200
m³ 30

1600

EXPLOSIVES AND MINES

Ammonal	(Ammonal)	(libbre)	lbs	1000	These figures
Plastic 808	(Plastico 808)	"	"	1000	Seem high but I hope
Antuxantex					
Slabs gun cotton	(Fulmicotone umido)	"	"	1000	Reduced the
Primers gun cotton	(" secco)	"	"	1500	demand
Cordtex	(Miccia detonante)	(piedi)	ft	10000	amounts
Fuse inst. LX IV (Miccia ist.)		"	"	10000	Considerably -
P.I.D.	(" a tubo di piombo)	"	"	5000	I think that
Fuse sapety	(" a lenta)	"	"	1000	These quantities
Detonators n° 27	(Capsule n° 27)	n°	"	1000	now represent
" " 33	(" elettr. n° 33)	"	"	1000	a minimum
Wire trip .014 yards	(Filo a strappo 0,14)	ft	"	2000	by.
" " .032	(" " 0,32)	"	"	2000	
Matches fuzee boxes	(Fiammiferi controvento)	set.	"	250	
Switches n° 1 Pull	(Matite a tempo vari colori)				XXXXXXXXXX
" 2 Prex					
" 3 Release					
" 8 A/P					
" 9 4/D					
" 10 T.P. red					
"	blu		n°	1000	
	white				
	yellow				
	green				
	black				
Exploders dynamo M.K.7			n°		2
(Esploditore a dinamo)					

(now represent
a minimum
by)

Fuse safety (" a lenta.)	"	1000	
Detonators n° 27 (Capsule n° 27)	n°	1000	
" " " 33 (" elettr. n°33)	"	1000	
Wire trip .014 yards (Filo a strappo 0,14)	ft	2000	
" " .C32 " (" " " 0,32)	"	2000	
Matches fusee boxes (Fiammiferi controvento)	set.	250	
Switches n°1 Pull (Matite a tempo vari colori)	set.		
" 2 Prex	n°	100	
" 3 Release			
" 8 A/P			
" 9 4/D			
" 10 T.P.red			
" blu			
" white			
" yellor			
" green			
" black			
Exploders dynamo M.K.7 (Esploditore a dinamo)	n°	2	
Test Set demolition M.K.1	"	2	
Cable electric	yds	2,000	3636
Shrapnel M.K.II		100	
Mines A/T M.K.V (Mine anticarro)		200	
Fuses n°3 mines contact (Spolette per mine anticarro M.K.V)		200	
Hawkins n°75		200	?
Mines M.7		200	
Spares Parts for Detector mines (tubes, resistances, condensers, batteries.....)			

101218102 Bridge

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Other Materials

taken by A R A R that Italian War
Office should allot to

Italian Engineer Central School

- Civitavecchia -

- Motor pile drivers (Battipalo a motore)	Nº 2		
- Oil varnish (Vernice ad olio)	cwt 1	(campo Grotte Marano)	
- Iron wheel barrow (Carriole in ferro)	Nº 50	(" Bagnoli)	
- Round iron bars (Ferro tondo)	cwt 40	(" Lago Fusaro)	
- Shovels (Badili)	Nº 200	(" Torre Annunziata)	
- Pikes (Gravine)	" 200	(" ")	
- Rasps (Raspe)	40	(" Castellammare di Stab.)	
- Grinding wheel (Mola da affilare)	1	(" ")	
- Gages and chisels (Sgorbie e scalpelli)	50	(" ")	
- Driver screws (Cacciaviti)	50	(" ")	
- Portable drills (Trapani portatili)	15	(" ")	
- Chests welding burners, (Cassette, cannelli per saldature complete)	4	(" ")	
- Blow lamps (Lampade a benzina per saldare)	3	(campo Castell. di Stab.)	
- Battery charge boards (campo Castell. di Stab.)	" 2	(")	

- Iron wheel barrows (Carriole in ferro)	(" Bagnoli)			
- Round iron bars (Ferro tendo)	(" Lago Fusaro)	cwt	40	
- Shovels (Badili)	(" Torre Annunziata)	Nº	200	
- Pikes (Gravine)	(" ")	"	200	
- Rasps (Raspe)	(" Castellana di Stab.)	"	40	
- Grinding wheel (Mola da affilare)	(" ")	"	1	
- Goggles and chisels (Sgorbie e scalpelli)	(" ")	"	50	
- Driver screws (Cacciaviti)	(" ")	"	50	
- Portable drills (Trapani portatili)	(" ")	"	15	
- Chests welding burners, (Cassette, cannelli per saldature complete)	(" ")	"	4	
- Blow lamps (Lampade a benzina per saldare)	(campo Castell. di Stab.)	"	3	
- Battery charge boards (Quadro carica batteria)	(campo Castell. di Stab.)	"	2	
- Vernishes (Vernici)	(campo Maddaloni)	cwt	2	3634
- Joinery chisels (Cassette da falegname)	(campo Arzano)			
- Writing materials	(")			20

RE
ENGINEER BRANCH
G.H.Q.
C.M.F.

Tel : PADUA 22283

Subject :- Training Manuals.

ENG/1/183

9 Oct 46

TO :- Land Forces Sub Commission (LMSIA)

Reference your RE.7. dated 23 Sep 46.

15 G.H.Q. Publications Depot have been requested to supply direct to you the following :-

- 8 No. copies of RE Pamphlet No 13 (FBE Ept).
- 1 No. copies of RE Pocket Book.
- 1 No. copies of RE Recce Book.

The other publications you asked for require more detailed description in order that the Publications Depot can supply, we suggest you demand on them direct for these and any other publications you require in the future.

1087
ME Vol.

118
RECEIVED 15 OCT 1946

AB.

[Signature]
(S.R. WHITE)
Major RE
for Brigadier
Chief Engineer

3633

Subject: Training Manuals.

Land Forces Sub Commission, A.C.
(M.M.I.A.)

RE 7

23 September 46.

To :- 'E' Branch,
CHQ. C.M.F.

1. Can you please supply as early as possible 8 copies of M.E. Pamphlet No. 15 (V.E.E. Regt.) for issue to Italian Regts. Translations will be made under their arrangements.
2. If you have a pamphlet or notes of any kind on the American Treadway bridging equipment I would be very grateful for one copy.
3. For reference in my office can you supply a set of the latest publications of all Military Engineering pamphlets and the E.E. pocket book. *in book form*
4. I would be grateful for the receipt of the pamphlets in para 1 above - or as many as can be supplied against the demand as soon as ever possible.

d
J.C. O'NEILL, Major R.E.,
for Major General,
M.M.I.A.

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