

ACC

10000/120/2951

RE 2/4

opened June

10000/120/2951

RE 2/4 Training - General

3601
3631

Opened June 28, 1945 - Closed Nov 23, 1946

COPY OF TRANSLATION

From :- Mil. Terr. Command, UDINE

Ref. 01/15596

To :- Engr. Inspectorate, ROME
MMIA (For information)

Date 23/11/46

Subject :- Instructions on Bailey Bridges.

58
Ref. to 01/7906 Ord. dated 11/11/46 from your Inspectorate we would inform you that Lt. VALLE Arturo of the 5th Signal Coy, (who has experience of Bailey Equipment, as he comes from the Engineer School of CIVITAVECCHIA) has been placed at the disposal of the Civil Engrs of Udine, for the instruction mentioned above.

We would point out also that, further to agreements made with the Civil Engrs. Office, the a/m officer will remain at its disposal for all the explanations that the office may require.

Sgd. GAMBETTA

U/E

Gen.

jln.

3631

from 1 and 4 of the 1/2 letter address responsibility which are now transferred to this section of the Bureau.

2. When you please arrange for a copy of the following to be sent to me as soon as possible.

- (a) Latest syllabus in detail for the second term.
- (b) Programs of instruction source just completed.
- (c) Syllabus and programs of advanced courses being about to begin.
- (d) Schedule of classes to be held at the school for period from 1st - 2nd 4/2.
- (e) Syllabus and programs of courses which remained current last year.
- (f) Any details of courses suggested to be included during schedule for the school in future.
- (g) pending instructions for future.

3. It shall be necessary for me to have a meeting very soon from you on the 1/2 activities in the school. The students will be with it to establish a new group. I have sent you a copy of the report to 10 10 10. With the 1/2 group during daily sessions and investigations - for the information and necessary action. I have sent you 11 11 11 and be as possible to take necessary action.

4. When next in 1961 if you call at my office, we will discuss further details regarding the of the above mentioned school.

H. B. T. S. (signature)
M. H. T. S.

2/22/61

Dear Sir -
Yours (1/2)
Yours (1/2)
C. S. 12 12 12

3630

58

TRANSLATION

MINISTRY OF WAR

INSPECTORATE OF ARMS OF THE FRENCH ARMY

Subject: Instructions on Bailey Bridges.

56

TO : Land Forces Sub Comm. BRIT. (Ref F. BE/11 of 21 Oct refers)

The Allied Authorities pointed out to this Inspectorate that the Office of Civil Engineers at UNH has requested to be informed regarding the maintenance and dismantling of the Bailey Bridge.

It is my opinion that this Command has already knowledge of the matter. If to the contrary please get in touch with the above named Civil Engineers Office, to the disposal of which should be put an Engineer Officer, who has experience in Bailey Bridge construction.

In case amongst the available officers there are none who gained sufficient experience in courses previously carried out in the Divisional Engineer Units to comply with advice and instructions the above mentioned office, this Command will make enquires concerning this matter to the FRENCH Division Command.

The above named command is earnestly begged in that case to comply, on the base of instructions that the Engineer Office at UNH may supply, with the request of forwarding for a few days to the aforesaid office an officer under the command of the Engineer Bn, or with the proposal of carrying out the Bn itself a short course for technical personnel of the Civil Engineer Office.

Here are attached, for the use of Civil Engineer Office at UNH, two copies of the Instructions No 4677 concerning the Bailey Bridge issue on March 45 which must be returned as they are letters of secret nature, other copies of the Instruction, if necessary, could be requested directly from this Inspectorate, always within the afore said limits.

I should be glad to know what has been done regarding the matter

Inspector of Engineer Units
(Gen Div. 3. FRANCE) 3628

ISPEZZORATO DELL'ARMA DEL GENIO

71/28

UFFICIO I°

Roma, 11

11 NOV 1946

1946

N. 0V 7906 *ovv*
di prot.

Risposta al

OGGETTO: Istruzioni su ponti Bailey.

Carte annesse N.

RECEIVED 2 NOV 1946

- AL COMANDO GENIO TERRITORIALE di UDINE
- AL COMANDO TERRITORIALE di UDINE
- AL COMANDO MILITARE TERRITORIALE di BOLZANO
- AL COMANDO DELLA DIVISIONE "PRIULI" LEVICO
- ALLA L.F.S.C. - (M.M.I.A.) ROMA
- (rif. f. 11/R S in data 21/10 u.s.)
- ALL'UFFICIO GENIO CIVILE (allegato 2 UDINE)
copie Istruzione del Ponte Bailey

Le Autorità Allente hanno rappresentato a questo Ispettorato che l'Ufficio del Genio Civile di Udine ha chiesto di essere orientato in merito alla manutenzione e smontaggio dei ponti Bailey.

Ritengo che la questione sia già a conoscenza di codesto Comando; in caso contrario prego prendere contatto con il pre- detto Ufficio del Genio Civile, a disposizione del quale potreb- be essere messo un ufficiale artiere degli enti dipendenti da codesto Comando, che sia pratico del materiale Bailey. Qualora fra gli ufficiali dipendenti non vi siano elementi in grado, per corai in precedenza effettuati o per pratica acquisita nei lavori artieri delle divisioni, fornire consigli ed istruzioni

- UDINE
- e, per conoscenza:
- AL COMANDO GENIO TERRITORIALE di UDINE
 - AL COMANDO TERRITORIALE di UDINE
 - AL COMANDO MILITARE TERRITORIALE di UDINE
 - AL COMANDO DELLA DIVISIONE "FRIULI" UDINE
 - AL. COMANDO DELLA DIVISIONE "FRIULI" UDINE
 - ALLA L.V.S.G. - (M.M.I.A.) UDINE
 - (rif. f. 11/R S in data 21/10 u.s.)
 - ALL'UFFICIO GENIO CIVILE (allegato 2 UDINE)
 copia istruzione del Ponte Bailey,

Le Autorità Alleate hanno rappresentato a questo Ispetto
 rate che l'Ufficio del Genio Civile di Udine ha chiesto di es-
 sare orientato in merito alla manutenzione e smontaggio dei
 ponti Bailey.

Ritengo che la questione sia già a conoscenza di codesto
 Comando; in caso contrario prego prendere contatto con il pre-
 detto Ufficio del Genio Civile, a disposizione del quale potreb-
 be essere messo un ufficiale artiere degli enti dipendenti, da
 codesto Comando, che sia pratico del materiale Bailey. Qualora
 fra gli ufficiali dipendenti non vi siano elementi in grado,
 per corsi in precedenza effettuati o per pratica acquisita nel
 reparti artieri delle divisioni, fornire consigli ed istruzioni
 al predetto Ente, codesto Comando potrà rivolgersi per queste
 esigenze al Comando della Divisione "Friuli".

Detto Comando è vivamente pregato in tal caso di aderire,
 in base a precisazioni che potrà fornire l'Ufficio del Genio
 Civile di Udine, o alla richiesta di invio, per qualche giorno

./.

presso il predetto ufficio di un ufficiale del dipendente battaglione artieri e alla proposta di effettuazione presso il battaglione stesso di un breve corso a personale tecnico di quell'Ufficio del Genio Civile.

Unisco alla presente, per l'Ufficio del Genio Civile di Udine (con carico di restituzione, trattandosi di pubblicazione da non divulgare), due copie dell'Instruzione n. 4577 su "Il posto Dalley" ed. marzo 1946; altre copie dell'Instruzione, se necessarie, potranno essere richieste direttamente a questo Ispettorato, sempre con la limitazione innanzi detta.

Gradirei essere informato su questo sarà attuato in merito.

L'ISPETTORE DELL'ANNA DEL GENIO
(Gen. Div. E. Frattini)

E. Frattini

sub

59

Telephone:
Room 489084 Ext. 457

LAST FORCES SUB-COM, AG (MIA) GIP

11 11

15 Nov. 1946

S.M.S. (H. French)

SUBJECT:- Bailey Bridge Instruction.

Ref. by 11/11 of 21 Oct. 1946 to Italian War Ministry copy to you.

The War Ministry have now instructed the Comd. Genio Territoriale
UDIR to arrange for the necessary instruction for the Genio Civile in the
maintenance and dismantling of Bailey Bridges in that Command. Certain
instructions on the Bailey Bridge have also been sent to the Genio of the
Territorial Command to assist them in giving the instruction.

h

S.O.P.S. (Major),
M. H. I. A.

3626

STANDARD -- Bailey Bridge - Distribution.

Land Forces Sub Commission A.C.
R.O.M.E.
11/24

21 October 1944.

To : War Ministry
(Engineer Department)

I have had a request from Engineer Branch G.H.Q. for assistance to be given to the Genio Civile in 5 Territorial Command Areas in the maintenance and dismantling of Bailey bridges in their Area.

It is felt that the best method would be for an Italian Engineer officer to arrange a tour to the Genio Civile in this Area and give the necessary advice and instruction and distribute some copies of the Bailey Bridge pamphlet (in Italian). For convenience of the officer it should be possible to arrange for representative from the Genio Civile to attend a five days course at a convenient place (any where).

Certain Italian Engineer officers have already attended Bailey Bridge Courses arranged by the 13 Corps and it is suggested that one of these officers would be very suitable. The Engineer School at Civitavecchia should be able to supply some Bailey Bridge pamphlets.

It is not possible, for language and other reasons, for British Engineer Units to give the necessary instructions to the Genio Civile.

Will you please say what arrangements can be made. The Genio Civile wants the instructions urgently and I feel it should be possible to lay something on for them early in November.

3349/ann

J. G. M. J. Major
S. G. R. R.
R. O. M. E.

3624

3624

It is felt that the best method would be for an Italian Engineer officer to arrange a tour to the Genio Civile in this area and give the necessary advice and instruction and distribute some copies of the Valley Bridge pamphlet (in Italian). For convenience of the officer it should be possible to arrange for representatives from the Genio Civile to attend a few days course at a convenient place (any where).

Certain Italian Engineer officers have already attended Valley Bridge Courses arranged by the 13 Corps and it is suggested that one of these officers would be very suitable. The Engineer School at Civitavecchia should be able to supply some Valley Bridge pamphlets.

It is not possible, for language and other reasons, for British Engineer Units to give the necessary instructions to the Genio Civile.

Will you please say what arrangements can be made. The Genio Civile wants the instructions urgently and I feel it should be possible to lay something on for them early in November.

REPLY/yes

Major
S.O.R.R.
M.B.I.A.

Copy to :- ^{Sup.} Genio, School of Genio, Civitavecchia.
C.M.A. (3 Branch) via telephone conversation
21st October.

Interval :- 6(M)

For further correspondence
folio 58

RECEIVED 4 JUN 1946
7740

ENGINEER BRANCH
A.F.H.Q.
C. M. F.

RE ~~132~~
45

SUBJECT: Training - Italian Engineers.

ENG/815/OPS.

TO : Land Forces Sub Commission A.C.
MMIA.

3 Jun 46.

Lt DIFURIA DANTE

COMPAGNIA PONTIERI
SCUOLA ARTIERI DEL GENIO,
CIVITAVECCHIA (near ROME).

1. The above named Officer has been admitted to the Italian Military Hospital at BOLOGNA as a result of a dog bite sustained whilst undergoing instruction at 13 Corps Bridging Camp.
2. Will you please inform his Unit so that they can publish the relevant casualty.

For the Chief Engineer:

C. B. HOUSE.

C.B.HOUSE,
Major, R.E.,
SO.II (OPS).

*Major informed
4 A Squad
4/6*
[Signature]
A/6

3623

44

Subject:- Training - Italian Engineers

Land Forces Sub Commission A.C.
(M.E.I.A.)
RS 11
31 May 46.

To:- Ministry of War.

1. Reference conversation of today, Col. GALLINI - Major WILKINS, it is confirmed that a further 2 officers and 4 WOs will be despatched to 3. DGA for a course on Pontoon Bailey Bridging.
2. The course is for the period 9 June - 8 July and it will be necessary for the trainees to be at 3. DGA on 6 June.
3. Exactly the same arrangements should be made in respect of accommodation as for the trainees at present undergoing training at 3. DGA, and on arrival officers and WOs should report to C.O. 105 Bridging Platoon R.E. who are located in 3. DGA.


R.N.J. KENNEDY, Major, R.E.,
for Major General,
M.E.I.A.

Copy:- 'G' (Trg), M.E.I.A.

3622

42

COPY

ENGINEER BRANCH
A.F.H.Q.
C. N. P.

SUBJECT : Training - Italian Engineers.

ENG/815/OPS

TO : Land Forces Sub Commission A.C.
(MIA)

29 May 46.

Copy to : OE 13 Corps(Main)
G (Trg)

Further to our ENG/815/ops of 30 Apr 46.

1. CE 13 Corps has agreed to a further attachment of 2 Officers and 4 NCOs from the Italian Engineers to British Units undergoing Floating Bailey Training at S. Dona for period 9 June - 8 July.

2. Will you please make the necessary arrangements for the replacement of the present six trainees on 8 June.

3. CE 13 Corps has confirmed that the present arrangements are satisfactory.

For the Chief Engineer:

C.B. HOUSE,
Major, R.E.
SC II (OPS)

Trg Distribution

Action Copy : S.O.R.E.

Handwritten signature and initials, possibly "J.H." and "3/5".

Handwritten number "30-1".

785020

RECEIVED
6162
1 MA. 1946

ENGINEER GENERAL
A. P. V. C.
C. E. F.

Re

39

SUBJECT : Training - Italian Engineers.
TO : Land Forces Sub Commission AD
(MMA).

ENG/815/OPS
30 Apr 46

Copy to ; CE, 13 Corps.
G (Trg).

30

Reference your RE/11 of 28 Mar 46.

1. The first Floating Bailey Course at 13 Corps Bridging Camp (S. Dona G 8871) commences on 6 May, and will be of approx 4 weeks duration.
2. CE 13 Corps has agreed that 2 Officers and 4 NCOs from the Italian Engineers be attached to British Units undergoing training.
3. Can you arrange accommodation with an Italian Unit in the vicinity of S. Dona for the 6 trainees selected.
4. They should report on arrival to OC 105 Br F1 RE who are located in S. Dona.

For the Chief Engineer,

C. Blase

C. B. HUGHES,
Major, R.E.,
SCE II (OPS).

Regt Jeli
@W

3620

RECEIVED 29 APR 1946

ENGINEER BRANCH
A.F.H.Q.
C. M. P.

RE 50
38

SUBJECT: Training Italian Engineer Personnel.

ENG/815/OPS

TO : MMIA

26 Apr 46

COPY TO: CE 3 District
135 ME Coy
O (Trg)

34

Reference my ENG/815/OPS of 20 Apr 46.

Please attend para 1 to read as follows:-

Location: 135 ME Coy RE. La Finetta (N 341).

(Two miles Naples side of Torre Annunziata on Naples Pompei Autostrada)

Observe.

29/4

C.B. HOUSE,
Major, R.E.,
SO II (OPS)

US/bs



MINISTERO DELLA GUERRA
STATO MAGGIORE REGIO ESERCITO
UFFICIO OPERAZIONI E ADDESTRAMENTO
SEZIONE ADDESTRAMENTO

N° 2719/E/1 di prot. Adm.

Roma, 11 21 aprile 1946

OSSERVO: Addestramento gentili italiani.

ALLA LAND FORCES SUB COMMISSION - A.C. (N.M.I.A.)
(risp. 52. RE/21 del 21 marzo U.S.)

R.C.M.A.

A conferenza intesa telefonica con Magg. Christie.

- 1.- Il corso per la guida e manutenzione di trattori D4 e spionatori (bulldoser) potrà avere inizio il 1° maggio p.v.
- 2.- Il personale frequentatore (2 ufficiali e 8 sottufficiali) verrà appoggiato alla Compagnia servizi genio del Comando militare territoriale di Napoli, la quale provvederà al trasporto quotidiano degli allievi da Napoli a Torre Annunziata (sede del corso) e viceversa.
- 3.- Si gradirà un cenno di approvazione.

IL GENERALE ADDETTO
- G. Luzzati -

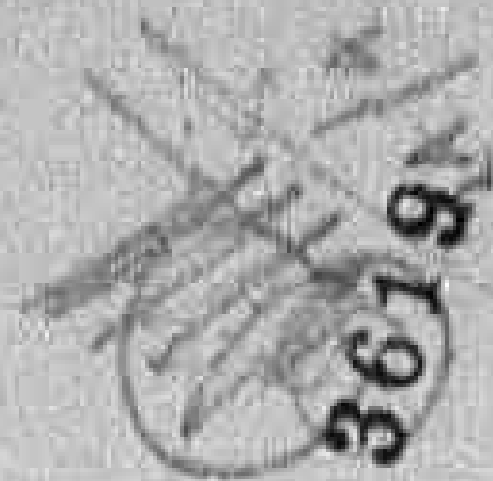
ROMA

A conferma intese telefoniche con Magg. Christie.

- 1.- Il corso per la guida e manutenzione di trattori D4 e spianatori (bulldozer) potrà avere inizio il 1° maggio p.o.
- 2.- Il personale frequentatore (2 ufficiali e 8 sottufficiali) verrà assegnato alla Compagnia servizi genio del Comando militare territoriale di Napoli, la quale provvederà al trasporto quotidiano degli allievi da Napoli a Torre Annunziata (sede del corso) e viceversa.
- 3.- Si gradirà un cenno di approvazione.

IL GENERALE ADDETTO
- G. Luzzi -

Luzzi



ENGINEER BRANCH
A.F.H.Q.
C. M. F.

RECEIVED 22 APR 1946

100/26/4

SUBJECT: Training Engrs

ENG/815/ORS

TO : MMIA

COPY TO: G(Trg)
CE 3 District
135 ME Coy RE

20 Apr 46

1. It is now confirmed that the D4 Op & Maint Course for Italian Engineer personnel will be run as scheduled. Details are as follows:-

Type of Course:	Operation and maintenance of D4 tractors.
Duration:	3 weeks.
No. of students:	2 Officers. 8 ORs.
Date commencement:	1 May 46
Location:	135 ME Coy RE. Torre Annunziata (N3441).

(Located on Naples-Pompei Autostrada two miles beyond Torre Annunziata).

2. Students will report at 0900 hrs to the Coy Office with necessary equipment such as overalls, notebooks etc.

3. Please inform this HQ of name and location of Italian Unit with whom students will be billeted.

For the Chief Engineer:

Handwritten signature

TRG M.M.A.
File: 100/26/4
Date: 10/26/4

TO: CE
GSO 1
GSO 2
GSO 3

Handwritten signature

C.B. HOUSE,
Captain, R.E.,
SO III (TRG).

110 Engineer Service Coy.
Handwritten signature

100/26/4
3618
Handwritten notes and stamps

Inter Office Memo.

SUBJECT: Eng. Trg.

FROM: S.O.E.E.

TO : C I (Trg)

29. Mar. '46

Ref CEC letter EED/81/33 of 18 March 46.

1. Herewith as under Italian Engg. training commitments requiring British instruction.

Type of course	Estimated Duration	No. of courses	Estimated No. of students	Object of course	Proposed location of course
(A) Operation and maintenance course. E. tractors.	3 Weeks	1	10 (2 Officers 8 NCOs)	To give training in operation of maintenance of E. tractors.	135 E.E. Coy. TORRE ANUNZIATA (N. 3441)
(B) Bailey Pontoon Bridging	6 Weeks	1	70 (Including 6 Officers)	To give training in Bailey pontoon bridging	S. DONA (O. 8874)

2. Both courses A and B have already been arranged with C.E. CE; course A is due to start at Torre Annunziata on 1st. May 46, but notification of exact dates for the pontoon bridging course at S. Dona is awaited from C.E. CE who in turn is awaiting this information from C.E. 13 Corps.


R. H. J. HINGHAM, Major,
S.O.E.E.,
M.M.I.A.

Type of course	Estimated Duration	No. of courses	Estimated No. of Students	Object of course	Proposed location
(A) Operation and maintenance course. 14 tractors.	3 Weeks	1	10 (2 officers 8 NCOs)	To give training in operation & maintenance of 14 tractors.	155 H. L. Coy. TOMES SHELLY (H. 3444)
(B) Bailey Pontoon Bridging	6 Weeks	1	70 (including 6 officers)	To give training in Bailey pontoon bridging	S. DEMA (G. 8874)

2. Both courses A and B have already been arranged with C. L. GUN; course A is due to start at Forts Assamblata on 1st May 46, but notification of exact dates for the pontoon bridging course at S. DEMA is awaited from C. L. GUN who in turn is awaiting this information from C. L. 15 Corps.


R. H. J. HERNARD, Major,
S. O. R. E.,
M. N. I. A.

26:5

3617

SUBJECT: Training - Italian Engineers.

30

Land Forces Sub Commission A.C.
(M.M.I.L.)
11/11.
28 March 46.

TO: G.E., G.H.G.,
G.M.P.

42

Reference your HQ/615/018 dated 13 March 46.

1. The Italian Ministry of War have agreed to select 2 officers and 8 NCOs of the Italian Engineers for training in the operation and maintenance of M. tractors by 135 M.M. Coy Force Armament.
2. It is suggested the course begin on 1st. May. Would you please state if this date is suitable or not.
3. Accommodation has been arranged with an Italian unit at Naples and represents the nearest available accommodation to Torre Annunziata. Trainees will travel each day in Italian Army transport.
4. Para 2 of your a/c letter has been noted, and preliminary steps taken to comply with the suggested training in Bailey pontoon bridging. It is thought that accommodation can be arranged near S. Ruffa. On notification of exact dates arrangements will be completed.


H.M.V. HILLARD, Major,
for Major General,
M.M.I.L.

Copy to: 'C' (Eng)

SUBJECT: Training - Italian Engineers.

29

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

11/11.

2 March 46.

TO: Ministry of War.

1. In confirmation of conversation General Prattini - Major Hibbard it is notified that a course of training is now available in the operation and maintenance of D4 tractors - bulldozers.

2. This training can be carried out during a 3 weeks course by 135 M.E. Coy. R.E. at TORRE ANNUNCIATA near Naples, and it is suggested that 2 officers and 3 NCOs be selected for the course.

3. It would be an advantage if a technical interpreter could be made available particularly as regards instruction and maintenance.

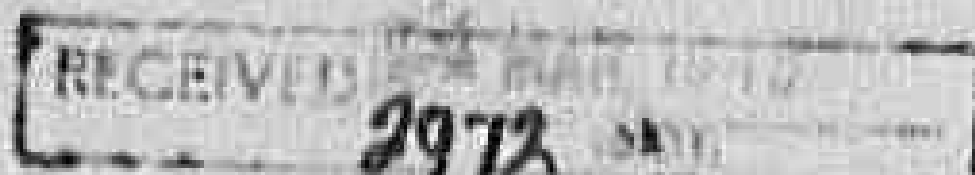
4. Accordingly, at the very earliest will you please state:-

(a) When you would like the course to begin.

(b) Whether you can arrange accommodation with an Italian unit near Torre Annunciata.

5. As advanced information, it is also notified that arrangements have ~~also~~ been made to train 6 officers and 1 pl. of Italian Engineers in Bailey pontoon bridging. This course will be under Chief Engineer 13 Corps at his bridging camp at S. IONA. Further information as to dates etc. will be advised later.

[Handwritten signature]



R.E.

GHQ CMT

28

SUBJECT: Training - Italian Engrs.

ENG/815/OPS

TO : M.M.I.A. —

13 Mar 46.

COPY TO: G (Trg)

1. It is suggested that 2 Officers and 8 NCOs of the Italian Engineers should be trained in operation and maintenance of D.4. tractors.

This can be carried out during a 3 weeks course by 135 M.E. Coy at TORRE ANNUNCIATA (N. 3441) near NAPLES.

It would be an advantage if a technical interpreter could be made available, particularly as regards instruction and maintenance.

Would you please state

- (a) when you would like the course to begin
- (b) whether you can arrange accommodation with an Italian unit near TORRE ANNUNCIATA.

2. It is also suggested that 6 Officers and 1 Pl of Italian Engineers should be trained in Bailey pontoon bridging. CE 13 Corps has agreed to undertake this at his bridging centre at S. DONA (MR. C.8871).

This will open early May and he suggests that individuals should be attached to British units for a fortnight during their training period so as to assist in training the pl in July. They should, of course, have some knowledge of English. Exact dates will be notified to you later. Can you arrange accommodation in the neighbourhood of S. DONA?

W. A. Brockhall

W. M. BROCKHALL,
Colonel,
for Chief Engineer.

3614

7

SUBJECT : Training Posters.

Land Forces Sub Commission A.C.
(M.M.I.A.)
E.11
15 Jan 46

TO : GHQ, GNY. Engr Section.

Reference your HQ/1202/GPS of 14 Jan, may 25 copies of the new edition of G3 Poster series "Illustrated Training Portfolio (All Arms) - Mines" be forwarded to MIA for the Italian Army Schools ?

RDR

R.O. COPLAND, Major,
S.O.R.N.
M.M.I.A.

Internal : G (Try)

3613

18 JAN 1946

RECEIVED 23 JAN 46
741- CHG CHP

15

SUBJECT: Training Posters: (OS Poster No. 31)
Code No. 7083

REF/1202/OPS

TO: CH WEA
CH LP(G)
CH 13 Corps
HQM (Greece)
HQA (for GREEK)

16 Jan 46

RE

1. A further edition of the OS Poster series entitled "Illustrated Training Portfolio (All Arms) - Mines" is being produced.
2. This will consist of a series of diagrams illustrating the basic working principles of igniters including those igniters working on Radio, Magnetic or Acoustic principles, and will be designed for use as wall charts.
3. The series shows the general principle in simple form and will not be outdated by any change in the existing type of mine as long as the same initiating methods are used.
4. Advance copies of this poster will not be forwarded.
5. All addresses please submit their requirements by 31 Jan.

Atmos. Over.

B. MORIS-OWEN,
Major, RE,
for HQM.

Copy to: G (YR), CHG - no spoke TATS - MORIS-OWEN.
Will you please take action as per 3 for all other arms.

ENGINEER SECTION (ER)
A.F.H.Q.
C.M.F.
Telephone - Freedom 335

RE 11/1
(12)

SUBJECT : Training Equipment.

TO : Land Forces Sub Comm AG (MIA).

END/811

10 Sep 45

Reference your RE 11/1 of 7 Jul 45.

It is regretted that, owing to the very heavy demands received, we are unable to supply the items of training equipment enumerated in the above mentioned letter.

J.R.M. EWEH,
Major, R.E.,
for M.G.R.E.

3611

ENGINEER STATION (BR)
A.F.H.Q.
C.H.P.
Telephone - Freedom 335

Re: M

SUBJECT : Training Equipment.
TO : Distribution below.
ENG/811
17 Jul 45

Reference this HQ letter ENG/811 of 28 Jun 45.

1. The following items of equipment, additional to those listed in Appendix 'A' to the above mentioned letter, will become available in mid September :

Nos	1	-	6	Cylinder, Isotta Fraschini Aero Engine.
"	1	-	4	Cylinder, Italian (?) Aero Engine c/w Prop on stand.
"	2	-	6	Cylinder Crankshafts.
"	5	-		Straight 8 Crankshafts.
"	2	-	12	Cylinder "V" (twin throw) Crankshafts.
"	1	-	12	Cylinder "V" (treble throw) Crankshafts.
"	7	-		Standards for above.

2. May any bids for this equipment please be forwarded as soon as possible.

D. Bailey
D. C. BAILEY,
Lieut-Col, RE,
for M.C.R.E.

TO : E-in-C, The War Office.
E-in-C, GHQ, ITALIA.
E-in-C, GHQ, MEF.
E-in-C, SHAC.
CH EIGHTH ARMY.
CE 13 Corps.
CE LP (REPLACES)
MOTIA

DET, AFHQ (2)
C-5, AFHQ (2)

in Appendix 'A' to the above mentioned letter, will become available in mid September :

Nos 1 - 6 Cylinder, Isotto Fraschini Aero Engine.
" 1 - 4 Cylinder, Italian (?) Aero Engine c/w Prop on stand.
" 2 - 6 Cylinder Crankshafts.
" 3 - Straight 8 Crankshafts.
" 2 - 12 Cylinder "V" (twin throw) Crankshafts.
" 1 - 12 Cylinder "V" (treble throw) Crankshafts.
" 7 - Stands for above.

2. May any bids for this equipment please be forwarded as soon as possible.

D. C. Bailey

D. C. BAILEY,
Lieut-Col, RE,
for M.C.R.E.

TO : E-in-C, The War Office.
E-in-C, CHQ, INDIA.
E-in-C, CHQ, MEF.
E-in-C, SEAC.
CS EIGHTH ARMY.
CS 13 Corps.
CS 12 (CENTRAL)
MATA

DET, AFHQ (2)
C-5, AFHQ (2)

Coord, MEX.

3610

QFB

Subject: Training Equipment

Land Forces Sub Comm AC (MIA)
RE 11/1

2 Jul 61

AMM War Section MR

Re: your MR/61 of 28 Jun.

May the following try sept be made available to Italian War School MEMPHIS:-

(a) para 3 RA War Aide

(1) Glass Room Diagram (one of each) for Standing Derrick, Swinging Derrick, Systems of Blocks and Tackles, Splinter-proof Shelters.

(11) Model showing trestle bent in timber construction and anchorages.

Model showing use of fixed lever.

Lashed trestle model.

Model of timber cribbing.

Model showing parts in road construction.

(b) para 4. Photographs 10" x 8" - as forwarded to ME in early June.

RB Splinter
Haj

Re: your letter of 28 June.

May the following try sept be made available to Italian War School MEMPHIS.

(a) para 3. The War School

(1) Class Room Diagrams (one of each) for Standing Derricks, Swinging Derricks, Systems of Blocks and Tackles, Splinter-proof Shelters.

(11) Model showing trestle built on timber construction and end-organ.

Model showing use of fixed lever.

Lashed trestle model.

Model of timber cribbing.

Model showing parts in road construction.

(b) para 4. Photographs 10" x 8" - as forwarded to MEI in early June.

Robertson
Kay

✓

Lead Forces Sub Comm L.G. (MIA)

3669

SUBJECT:- Training Equipment

Grand Forces Sub Comm.,
AC (MMIA), ROME
(For SORE)

'P' British Liaison and
Training Unit, BTC ICP

Ref: G/O.1/562

5 July 1945

Ref your RE.11/1 dated 2 July 1945.

1. Herewith list marked and returned to you as requested.
2. I have not requested very much because I feel that such excellent equipment is for the most part too advanced for the standard of recruits here and that it would be better employed in instructing more suitable brains.

SNW/asj

Major SORE
for Colonel,
Commander,
'P' British Liaison &
Training Unit, BTC ICP

Internal
File

3608

ENGINEER SECTION (BR)
A.F.H.Q.
C.M.F.
Telephone No: FREEDOM 335

RE. 301/1
3

SUBJECT : Training Equipment

ENG/811

TO : Distribution below

28 Jun 45

1. Training equipment belonging to ETE, CMF as shown at Appendix "A" will become available for use elsewhere from 1 Aug 45. Mines, etc. are free from explosive only where specifically stated.
2. Will addressees please inform this HQ whether they require any of this equipment for training purposes. It is requested that answers may be sent as soon as possible, as the ETE is in the process of winding up.

J.H.S. Lacey

J.H.S. LACEY,
Lt Col, RE,
for MERE

To : E-in-C, The War Office
E-in-C, CHQ, INDIA
E-in-C, CHQ, IEF
E-in-C, SEAC
CE Eighth Army
CE 13 Corps
CE LP (GREECE)
INDIA

DET, AFHQ
G-5, AFHQ

CE 15 Army Group
Comd, ETE (less Appx)

3606

TRAINING AIDS FOR DISPOSAL

1. MINE WASTAGE AID - Available on 31 JUL 45

Mine Training Portfolios (S.M.E. England)

A.S.M.S. Major Sec Posters -

No. 4 Schumpine and Italian 1 lb A. Para.

No. 2 Holmine

No. 3 D.S.E. Italian 4 Ignitor Mine

No. 4 Topmine

No. 5 B. Mine L3

No. 6 Spring Megol 8 kg Mine

No. 8.T; M. 43

No. 9 T. M. 35 (Steel)

No. 10 T. M. 42

No. 11. Switch No. 12 M. I

U.K. Coloured Posters

One complete set of Lecture Room Diagrams, Large Scale, showing
cross-section of practically every enemy mine and Igniter; parts
distinguished in distinctive Colours.

Two boards with Enemy Igniters mounted and labelled including:-
Z2 35, Z2 42, Z2 35, BZ39, BZ39, BZ39, BZ39, ANZ's 29 and 39
made up with adaptors for safety fuse, BZ39, BZ39, Italian 1 lb A. Para.
Mine Igniter, Italian Bakelite Igniter, M. M. Z 40 and electric Bridge,
W Adaptor for S. Mine with S. M. 235 and Z2 35's, Y Adaptor for S. M.

One Board showing Cordtex Joints.

Two Boards showing all German Grenades and their Igniters mounted.

One Board with photographs mounted showing booby traps.

One Canvas Strip 10' x 2' coloured to show a road for clearance drill

and wooden blocks representing R.F. Section.

One Canvas area representing mined area or area for mine laying.

Amplifiers for demonstrating timing of Mine Detectors -

Mines operated

Battery operated

Cap markers for sand table model (approx 1/10th scale)

British

German

10 No.
60
28
50
4
9
10
5
7
10
8
3

(to be used to demonstrate)

No. 9. M. 35 (30x61)
No. 10. M. 42
No. 11. Switch No. 12 M. 1

U.K. Coloured Posters

One complete set of Lecture Room Diagrams, Large Scale, showing cross-section of practically every enemy mine and igniter; parts distinguished in distinctive colours.

Two boards with Enemy Igniters mounted and labelled including:-
Z2 35, Z2 42, Z2 43, Z2 44, Z2 45, No B2 38, No B2 39, ANE's 29 and 32 made up with adaptors for safety fuses, Z2 39, Italian 1 lb A. Pers. Mine igniter, Italian Bakelite Igniter, ES M. 2 40 and electric bridge, W Adaptor for S. Mine with S. M. 235 and Z2 39's, Y Adaptor for S. M.

One Board showing Cordtex Joints.

Two Boards showing all German Grenades and their Igniters mounted.

One Board with photographs mounted showing booby traps.

One Canvas Strip 10' x 2' coloured to show a road for clearance drill and wooden blocks representing R.E. Section.

One Canvas area representing mined area or area for mine laying.

Amplifiers for demonstrating tuning of Mine Detectors -

Mine operated 1
Battery operated 1

Gap markers for sand table model (approx 1/10th scale)

British 12
German 8

Operating diagrams (coloured - parts slide to demonstrate) -

T. M. 235 1
S. M. 235 1
Wooden Model of Z235 1

2. BOMB DISPOSAL AIDS - Available on 31 JULY 45

Lecture Room Diagrams 1 set
Chart showing method of bomb rescue 1
Box for charging German fuses 1
Electric device with bulb to show comparative sensitivity of
M42 (36) and M42 (50).

13 FIELD ENGINEERING AIDS.....

3605

3. FIXED ENGINEERING AIDS - Available on 30 JUN 45

Class Room Diagrams (one of each) for Standing Derrick, Swinging Derricks, Systems of Blocks and Tackles, Splinter-proof Shelters.

MODEL ROOM

- X Model showing trestle bent and timber construction and anchorage.
- X Model showing use of fixed lever
- X Leashed trestle model
- Board and Pole Charges
- Model Wall with Model board charges
- Model Panther Tank and mine charge
- X Model of Timber cribbing
- X Model showing parts in road construction
- Model of Mt. Tipton

4. FIXED INSTRUCTIONAL AIDS - Available on 15 JUL 45

- Diagrams
(one of each.)
- Distributing Beam
- Chord Jack M II
- " " M III
- Triple Storey Construction
- Typical Crillage Construction

X PHOTOGRAPH 10" X 8" - as forwarded to ETZ in early JUNE.

Illustrative Models (one of each)

Motor cycle chain model to show principles of continuous bridges.
Cardboard model of 80' B.S. bridge to show launching problems.

MODELS

American Timber Trestle and U.S.A. Bridge.
Raft (improved) using 40 gal drums.
Railway Bridge complete with accessories at 1/2 scale.

5. FIXED AIDS - Available in Mid SEPTEMBER.

Instructional Diagrams

- Reefed Engine Lubrication
- Perkins Tractor Transmission
- U.S. Petrol Pump
- Differential
- U.S. Plate Clutch Adjustment 7/10 Concrete Mixer
- Two stroke cycle
- Water Cylinder (Hydraulic Brakes)

4. MISSING INSTRUCTIONAL AIDS - Available on 15 JUL 45

PLATE
(one of each)

Distributing Beams
Chert Jack MK II
" " MK III
Triple Storey Construction
Typical Grillage Construction

X PHOTOGRAPHS 10" X 8" - as forwarded to ETE in early JUNE.

Illustrative Models (one of each)

Motor cycle chain model to show principles of continuous bridges.
Cardboard model of 80' D.S. Bridge to show launching problems.

MODELS

American Tinker Trestle and P.S.V. Bridge.
Raft (improved) using 40 gal drums.
Bailey Bridge complete with accessories at 1/2 scale.

5. MISSING AIDS - Available in MID SEPTEMBER.

Instructional Diagrams

Bedford Engine Lubrication
Kendall Tractor Transmission
A.C. Petrol Pump
Differential
Hill Plate Clutch Adjustment 7/10 Concrete Mixer
Two two stroke cycle
Master Cylinder (Hydraulic Brakes)
Bedford Gear Box
Four Stroke Engine
Vacuum Servo (Brakes)
Carburettor (English)
Auto Vac (Petrol System)
Single Plate Clutch
Transfer Gear Box (Bedford)
Gear and Front Brakes (Hydraulic)
Manifold Thermostat (Bedford); Combustion Chamber
Magnetron Ignition (Four Strokes)
Temperature Control (Bedford)
Fuel System (D.1 Model Pile Driver)
Hemmer
No.2 Wiring Set; Leads and Fittings
Wiring Lights (Bedford)
Lead Acid Cell; Battery
Transmission; Travelling Gears (10 P.S. Excavator)
Diesel Engine (Atomiser)
Lubrication Chart (10 P.D. Excavator)

3604

- 3 -

Instructional Diagrams (cont)

- Air Start 19 R.B. Excavator
- Fuel System 19 R.B. Excavator
- Boys Reaving Shimmer Scoop (19 R.B.)
- " " " " " "
- Diaper Lock (19 R.B.)
- Steering Mechanism (10 R.B.)
- Travelling Brakes " "
- Boys Reaving Drag Shovel 19 R.B.
- " " " " " "
- Lubrication Chart (19 R.B.) 3
- Portland Lubrication System
- Borg & Beck Clutch
- Transmission Travelling Gears (19 R.B.)
- Fuel Pump (19 R.B.) 2 types
- Governors (19 R.B.)
- Charging Set 550 Watt
- " " 4260 "
- Hydrostatic
- Method of determining level of Electrolyte
- Lubrication System (Pully Forced)
- Ignition (6 cylinder Bedford)
- Pre-combustion Chamber Fuel Injection Valve (Diesel Engine)
- Lubrication System (D.A. Erector)

ENGINEED MACHINES

- Twin Jet Carburettor (Italian)
- Auto Vac (British)
- Solex Carburettor (British)
- Ford
- A.C. Oil Filter - 3 types
- Coil Ignition
- A.C. Pump Petrol
- " " " " " "
- Magneto - 2 types
- Multi Jet Carburettor (Italian)
- Hydraulic Brake System
- Motor Cycle Cylinder Block
- Single Plate Type Clutch
- Hydraulic Brake Shoes Assembly
- Gear Box (Bedford)

Transmission Traveling Gears (19 types)

Fuel Pump (19 E.B.) 2 types

Governors (19 E.B.)

Charging Set 550 Watt

" 1250 "

Hydrometer

Method of determining level of Electrolyte

Lubrication System (Fully Forced)

Ignition (6 cylinder Bedford)

Pre-combustion Chamber Fuel Injection Valve (Diesel Engine)

Lubrication System (D.4 Tractor)

CONTAINED MORALS

Main Jet Carburettor (Italian)

Auto Vee (British)

Solex Carburettor (British)

Pord "

A.C. Oil Filter - 3 types

Coil Ignition

A.C. Pump Petrol

" Oil Out (Bedford)

Magneto - 2 types

Multi Jet Carburettor (Italian)

Hydraulic Brake System

Motor Cycle Cylinder Block

Single Plate Type Clutch

Hydraulic Brake Shoe Assembly

Gear Box (Bedford)

Half Shafts (Bedford)

Differential Assembly (Bedford)

Single Plate Clutch (Bedford)

Gear Box (FIVE Italian)

Engine, Gear Box, Transmission (MORRIS)

Valve Assembly (Morris)

Pistons (3 types)

Con. Rods 2 types

Boom Drag Line (Excavator)

I.E. 6 Cylinder Engine (Italian)

Pist. 4 Cylinder Engine (Italian)

Austin Engine (British)

Tractor Model (Caterpillar)

Dumper (Mairhill)

3603

- 4 -

6. TRAINING AIDS

Box No. 1

Panzermine 42
12.5 kg Hollow Charge
C.V.P. Mine
Turkish Mine
Japanese knee bomb
" hand grenade

1 1 1 1 1 1 1

Crato No. 1
(P.F.E.)

German Panzer Hole Mine
" 12.5 kg Hollow Charge
Hungarian C.V.D. Mine with Igniters
Japanese knee bomb
" hand grenade

1 1 1 1 1 1 1

Crato No. 2
(P.F.E.)

German Tellermine 35 No. 1 with fuze
" 35 Steel " "
" 12.5 kg Hollow Charge
" Mörle Charge
" Tyro Buster
" Detonating Cord
Italian Pignone Mine (Type B)

1 1 1 1 1 1 1

Crato No. 3
(P.F.E.)

German D.2. 35 Ignitor
" Z2 42 " "
" SM2 35 " "
" Z2 35 " "
" Z2 35 " "
" TM2 43 " "
French Rifle Grenade
" 1 1/2 mine (light) with fuze
German S Mine with Igniter
" all purpose Grenade
" A Tk Grenade
" E.S.M. 40
" Zimmern
" Plastic Crush Ignitor
" Orange Flare
" Smoke Cartridges

Sections

1 1 1 1 1 1 1

Crato No. 4
(P.F.E.)

Italian Pignone Mine (Type A)
German S Mine electric firing bridge
German Tellermine 42
" 43
" 3 Podar 504 (Long Delay)
" 6 kg Hollow Charge
Italian D 4 1/2 pers mine
" 1 lb mine
" Safety Fuse
" Picket Mine
German Stock Mine
" Vorey Lights
Italian Red Powder

1

3602

111

Crato No. 2
(F.P.E.)

Italian Pigmon Mine (Type B)

German D.Z. 35 Ignitor
" ZZ 42
" SM 35
" ZZ 35
" ZZZ 35
" TML 43

Sections

French Rifle Grenade
" A 7c mine (Light) with fuze
German S Mine with Ignitor
" all purpose Grenade
" A 7c Grenade
" S.S.M. 40
" Missiles
" Plastic Crush Ignitor
" Orange Flare
" Smoke Canisters

4

Crato No. 4
(F.P.E.)

Italian Pigmon Mine (Type A)
German S Mine electric firing bridge
German Tellermine 42
" " 45
" J Feder 504 (Long Delay)
" 6 kg Hollow Charge
Italian P 4 A pers mine
" 1 lb mine
" Safety Fuse
" Ficket Mine
German Stock Mine
" Vorey Lights
Italian Red Devils
" Detonating Cord
" Rifle Grenade

4

Crato No. 5

Smoke Containers
German Magnetic Charge 3 kg
" Hollow Bottle Charge 3 kg
" Prepared Charge " 18
" " 2 kg
Breach Charges
German Hollow Charges 400 gm
Butterfly Bomb
German Shells 20 mm
Mod. Schminke
German Barrel Charge
Finnish Mine Clock
German U.I. Bomb

5 1 1 1 5 1 1 1 1 1

- 5 -

Crates No. 5 (cont'd)

German A 200 Mustard Pot	1
Assorted Pistol & Rifle Grenades	3
French Prepared Charges	2
" Rifle Grenades	1
" Mortar	2
T. M. 35 (training)	
Glasgow Mine	
S. M. 35	
E 15 Mine	
4 Ignitor (Italian) Sect.	
Improved Tread Mine	
Russian Ignitors - Pull	1
" Push	1
M. M. Shrapnel (Sect.)	
O3 2. Charge only	
Poll Bomb	
Grenade Pistol	
No. 1 M. II Fuse (Sect.) $\frac{1}{2}$	
105 mm French Improved Tread Mine	
No. 5 M. I A per (less Ignitors)	5
T. M. 29	
ZD 29	
V. 3. Italian	
V. 5.	
R. M. 43	
E2 Italian	
G.L. Mine	
L. Pa. Mine	
50 kg Hollow Charge	
25 kg "	
12 kg Sack Containr	
Pensor Schnell Mine	
Frum Detector, German	
American F 7	
" M 6	
" Activator	
" T 9 Fuse	
British A.C. Delay Burst Type	
" No. 5 Pressure	
" No. 6 "	
Hungarian Ramp Mine	
Adaptor. Egg Grenades	
German Acid Delay	

- 6 -

7. MINE WARFARE EQUIPMENT (held in bulk)

Topf Mines	35 st	5
Teillermine	42	50
"	43	100
"	35	50
R M1 43		6
S M1 35		20
G.S. Mk I		100
American M1 M1		100
G.S. Mk II M1		30
American M1 M1		10
" M1		10
" M1		5
ZE 42		490
AMZ 29		900
IC 35		190
Sprung Capselsunder		36
Topf Igniters		114
Schumminos.		219
1 lb A pers		888
Piguno		12
Parosomino 42		5
SM12 35		96
TM12 42		1000
Fuse M1. M1		92
" Mk III		131
" Mk III. Drill		125
Italian 4 Ignitor		3
Stick Grenades		12
TM12 35		12

22 42
 ANZ 29
 DE 35
 Spreng Capselzunder
 Topf Ignitors
 Schminies.
 1 lb A pers
 Pignons
 Panzermines 42
 SMZ 35
 TMZ 42
 Fusco M1. A1
 " Mk III
 " Mk III. Drill
 Italian & Igniter
 Stick Grenades
 TMZ 35

430
 900
 190
 36
 114
 219
 888
 12
 5
 96
 1000
 92
 134
 125
 3
 12
 12

3601

0 8 4 8 |