

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 22.7.88
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 6/9/88

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P. W. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2147 W	அச்சகம் பலவகை
நாள் :	1-9-1884	<u>1988</u>

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

1ST SEPTEMBER 1884, No. 2147 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Major W. G. NICHOLSON, R.E., Secretary, Defence Committee, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 19th August 1884, No. 159 :—

I am desired to forward for information 15 copies of accompaniment to Inspector-General of Military Works' Circular No. II Fortifications, dated 16th July 1884, being a reprint of Appendix V, Volume V, Army Regulations, dated War Office, 1st December 1882, and to suggest the desirability of carrying out the same uniform system of lettering emplacements and accessories in works of defence that has been prescribed for Home and the Colonies, and has recently been adopted in those forts in this country which are under the control of the Inspector-General, Military Works.

ENCLOSURE.

ACCOMPANIMENT TO INSPECTOR-GENERAL'S CIRCULAR NO. II FORTIFICATIONS, DATED 16TH JULY 1884.

Lettering emplacements and accessories in Works of Defence.

The following Regulations will be observed in lettering the emplacements and accessories in works of defence :—

1. The name of each fort or battery will be painted in large block letters on some conspicuous part, at or near the main entrance where practicable.
Fort or battery.
2. In each portion of a fort or battery requiring to be distinguished, a title will be painted in large block letters in a conspicuous place.
Distinctive titles.
3. All chambers and recesses for the reception of ammunition, and all buildings appropriated for the use of the artillery, will have their distinctive titles painted on the door lintels in block letters ; the titles will show the use for which the store or chamber is intended, as for instance—

GYN AND TACKLE STORE.

ARTILLERY GENERAL STORE.

4. Cartridge stores and shell stores in coast batteries for heavy guns will be lettered to show the calibre of the guns the ammunition for which is placed in them, thus :—

No. 2 SHELL STORE.

FOR 9-IN. GUNS.

No. 3 CARTRIDGE STORE.
FOR 9-IN. AND 10 IN. GUNS.

Where fuze and tube stores exist, they should be so lettered.

5. Chambers and recesses appropriated for particular guns will have the number and nature of the guns with which they are connected painted in Roman letters below the title in the manner shown below :—

STORE FOR SMALL STORES.
10-IN. 18-TON R. M. L. GUNS.
IV, V, VI, VII.

SHELL RECESS.
9-IN. 12-TON R. M. L. GUNS.
X, XI.

6. All lifts will be lettered to indicate the object for which they are intended. In the case of "ammunition lifts," the numbers and natures of the guns served by each lift will also be noted at both the top and bottom in Roman letters, as follows :—

SHELL LIFT.
10-IN. 18-TON R. M. L. GUNS.
V, VI.

If the fort has more than one tier of guns, a reference in brackets to the tier served by the lift will be added.

7. All lamp recesses to take "wall lamps" for lighting magazines and their passages, or lamp holes to take "overhead lamps," will be distinguished by numbers, in order that lamps notified to the lamp man in charge as requiring attention may be readily identified by him. These lamp recesses will be numbered from right to left of the work throughout the basement, the number being indicated by block figures inside the chamber or lighted passage, as well as on the lamp passage side of the recess, the two numbers being in all cases identical.

8. All permanent emplacements for guns in a work will be numbered from right to left without regard to the nature or calibre of the guns. They will be numbered independently for each battery, tier, or distinct portion of a battery or fort. The numbers will be in Roman figures, and the calibre, weight, and nature of the gun should be added as shown below :—

10-IN. 18-TON R. M. L. GUN.
IV.

9. In casemated batteries the lettering will be above the gun on the soffit of the arch or on the overhead girder, and on the side of the right hand merlon when the gun is in "open battery."

10. In casemated batteries in which the rear portions of the gun casemates are occupied as "soldiers' quarters," the numbering of the casemates will follow the rule in Section 7. The number, nature, and weight of each gun will be repeated in Roman characters on the doors of the inhabited part of the casemates in rear of the guns.

11. The letters, where practicable, will be at least 5 feet 6 inches from the ground, and unless otherwise described, the primary identifications will be in stout block letters, large enough to be easily discernible. The secondary identifications or explanations will be in Roman letters. Lettering which is on light ground will be black, and on dark ground white. In basements of works, where there may not always be woodwork to take the lettering (as in the case of lifts), metal labels may be used.

12. The following nomenclature of artillery magazines and stores, as laid down in Appendix VI of the Equipment Regulations, 1881 (Army Regulations, Vol. III), will be strictly adhered to :—

Nomenclature.

Nomenclature of Artillery Magazines and Stores.

[Reprinted from Appendix VI of the Equipment Regulations, Army Regulations, Vol. III.]

Magazine.—Building or buildings, with passages leading thereto, in which powder in bulk, filled cartridges, or shells are stored.

Main Magazine.—The principal magazine in a work or battery in which there is more than one magazine.

Shifting Room or Shifting Lobby.—The chamber or portion of the entrance passage devoted to putting on or taking off magazine or laboratory clothing.

Magazine Entrance.—The entrance provided with a shifting room through which those going to the magazine must pass. Where there is more than one, they must be distinguished by their position, thus—

"North Magazine Entrance;"

"West Magazine Entrance."

Ammunition Entrance.—The entrance to the magazine for ammunition only.

Magazine Store.—A chamber within a magazine (if provided) in which the hides, wadmiltits, and spare magazine clothing may be kept.

Cartridge Store.—A chamber in a work or magazine in which filled cartridges only are stored.

Shell Store.—A chamber in a work or magazine in which filled shell only are stored.

Expense Cartridge Store.—A cartridge store appropriated for the service of particular guns, and from which the service of a gun or guns is conducted.

Expense Shell Store.—A shell store appropriated for the service of particular guns, and from which the service of a gun or guns is conducted.

Powder Passage.—A passage along which powder (in cartridges or in bulk) is transported.

Shell Passage.—A passage along which shells are transported.

Ammunition Passage.—A passage along which both natures of ammunition are transported.

Lighting Passage.—A passage by which access is gained to the lamp recesses.

Cartridge Serving Room.—A chamber on the same level as the gun into which the cartridge lifts lead, and from which the service of cartridges is conducted.

Shell Serving Room.—A chamber on the same level as the gun into which the shell lifts lead, and from which the service of shells is conducted.

Cartridge Recess.—A small receptacle for the storage of a few cartridges for the immediate service of a gun.

Shell Recess.—A small receptacle for the storage of a few shells for the immediate service of a gun.

Cartridge Issuer.—A hatch in a door, or opening in a wall through which cartridges are passed.

Shell Issuer.—A hatch or opening in a wall through which shells are passed.

Cartridge Lift.—The lift up which cartridges are hoisted.

Shell Lift.—The lift up which shells are hoisted.

General Lift.—A larger description of lift through which powder in bulk may be passed.

Artillery General Store.—A store for the reception of the spare stores of all natures.

Artillery Store for Small Stores.—A store in a battery for the reception of the sights, elevating arcs, and other small stores belonging to the guns, and required for their immediate service.

Store for Side Arms and Tackle.—A store for the reception of the larger stores necessary for the service of the guns.

Laboratory.—A building or buildings, with passages leading thereto, in which ammunition is examined, cartridges made up, and shells filled.

Cartridge or Shell Filling Room.—A chamber in the Laboratory in which cartridges are made up and shells filled.

Receiving Hatch.—An opening in the door or wall of a cartridge or shell filling room through which empty shell or powder in bulk is passed.

Lamp Store.—A chamber or place in a fort or battery allotted for the storage of lamps and for the use of the lamp man.

Store for Field Forage, Fitting Tools, &c.—A chamber allotted for the storage of articles required for effecting trifling repairs to the armament.

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1st SEPTEMBER 1884, No. 2147 W., PUBLIC WORKS

ORDER—dated 1st September 1884, No. 2147 W., Public Works.

Communicated to Superintending Engineers and to the Military Department for information and guidance.

(True Extract.)

Major, R.E.
Under Secy. to Govt., P.W.D.

To Superintending Engineers.
„ the Military Department.

Enl. A. Aubert.
Spare Copies

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BUILDINGS AND ROADS,
MILITARY WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated September, 1st,

Recd.

Encl.

G.O., 1st Sept. 1884, No. 2147 W.

SEPTEMBER.

Defensive Works

Lettering emplacements and accessories.—
Letter from the Secretary, Defence Com-
mittee, forwarding copies of regulations for
—, communicated to the officers concerned.

No. 159

FROM

THE SECRETARY, DEFENCE COMMITTEE,

TO

THE *Secretary to the Government*
of Madras Public Works Department.
Madras.

Simla, 19th August 1884.

Sir

I am desired to forward for infor-
mation 15 copies of accompanying to
Inspector General of Military Works'
Circular No. II Fortifications dated 16th
July 1884, being a reprint of Appendix
V Volume V. Army Regulations, dated
War Office 1st December 1882 and to
suggest the desirability of carrying out
the same uniform system of lettering
emplacements and accessories in Works
of Defence that has been prescribed
for Home and the Colonies, and has
recently been adopted in those posts
in this country which are under the
control of the Inspector General Military
Works.

I have the honour to be
Sir
Your most obedient servant
L. J. Nicholson
Major R. G.
Secretary Defence Committee
Jm. R.

A L
Communicated
to Supply Bureau &
to the Military Dept. for
information & guidance

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26.8.84

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27.8.84

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To Supply Bureau
Military Dept.
9/9/84

248/49/84

ENCLOSURE
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ACCOMPANIMENT TO INSPECTOR GENERAL'S CIRCULAR NO. II FORTIFICATIONS,
DATED 16TH JULY 1884.

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2. In each portion of a fort or battery requiring to be distinguished, a title will be painted in large block letters in a conspicuous place.
Distinctive titles.
3. All chambers and recesses for the reception of ammunition, and all buildings appropriated for the use of the artillery, will have their distinctive titles painted on the door lintels in block letters; the titles will show the use for which the store or chamber is intended, as for instance—
Appropriations.

CYN AND TACKLE STORE.

ARTILLERY GENERAL STORE.

4. Cartridge stores and shell stores in coast batteries for heavy guns will be lettered to show the calibre of the guns the ammunition for which is placed in them, thus:—

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Govt. of (1884) Madras.

PUBLIC WORKS.

(7)

2/9/84

Dated

Recd.

Encl

G.O. 1 1884 No. 24

Re: *Business of the*

*the various emplacements
and batteries.*

*Letter from the Hon.
the Secy. to the*

Government of Madras

dated 1st inst.

in reference to the

10/6