

- (1) பக்கங்களின் எண்ணிக்கை 8
 (2) புதுக்கித் திருப்பிய நாள் 9.3.89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/8

தமிழ்நாடு ஆவணக் காப்பகம்.

40

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	661	அச்சகம் பலவகை
நாள் :	7.3.1889	10/8

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

4-sheds

10/8

ஆவண அட்டை-1-18,000-15-8-87.

7TH MARCH 1889, No. 661 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

Circular No. 13.

The following is forwarded for information and guidance.

(By order.)

SIMLA,
18th February 1889,

(Signed) W. G. NICHOLSON, Lieut.-Col.,
Secretary, Defence Committee.

To the Secretary to the Government of Madras,
Public Works Department.

Gen. No. 5-6745.

MEMORANDUM FOR COMMANDING ROYAL ENGINEERS.

The following instructions for setting racers of B.L. guns are forwarded for the information of the C.R.E.

WAR OFFICE,
3rd December 1888.

(Signed) A. G. DURNFORD, Colonel,
for Inspector-General of Fortifications.

A drum of concrete about 3 feet in diameter should be first established at the centre of the pit, and unyielding supports for timber should be obtained at various points about 8' or 9' from the centre. (This dimension is for 6" B.L. racers; for larger racers the distance would vary with the diameter of the racer ring.)

The combined racer and ring must then be set in the *true* position, and there supported firmly on the timbers, with the holding-down bolts hanging in their true positions. When in this position the weight must be taken by chains slung to railway bars, laid over the ring and resting on some of the outer supports blocked up for that purpose. When the weight is fairly taken, and the position and level of the ring are tested, and found to be true, the timber may be withdrawn, and the concrete filled in round the holding-down bolts. The concrete must first be filled in up to within 6 inches of the ring, in the ordinary manner, and then hand-packed concrete must be placed under the racer to take the weight and allow of the rails and chains being withdrawn. When the ring is fairly supported throughout and the nuts of the holding-down bolts tightened to their future positions, the racer ring should be tested for level and, if not true, the nuts should be loosened, and the ring being lifted by means of tackle worked from a gyn, the bed of the racer can be packed and grouted with rich thick cement grout; all cavities to be carefully filled in and the racer replaced before the concrete sets.

The underside of the ironwork should be well tarred before being placed in position.

ORDER—dated 7th March 1889, No. 661 W., Public Works.

Communicated to the Superintending Engineer, V Circle, and the Military Department.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Military Department.

Exd. J Henricus.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.
Govt. of {1889} Madras.
PUBLIC WORKS.

Dated March, 7th.

Recd.

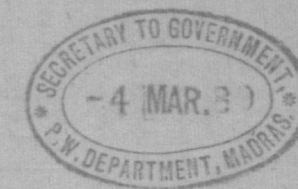
Encl.

G.O., 7th March 1889, No. 661 W.

MARCH.

Racers of B.L. Guns

Circular from the Defence Committee
issuing instructions for setting —, commu-
nicated to the Superintending Engineer,
V Circle, and the Military Department.



Defence Committee.

CIRCULAR NO. 13.

To

THE INSPECTOR GENERAL OF ARTILLERY IN INDIA.
THE DIRECTOR GENERAL OF ORDNANCE IN INDIA.
THE INSPECTOR GENERAL OF MILITARY WORKS.
THE SECRETARY TO THE GOVERNMENT OF MADRAS, PUBLIC WORKS DEPART-
MENT.
THE SECRETARY TO THE GOVERNMENT OF BOMBAY, PUBLIC WORKS DEPART-
MENT.
THE SECRETARY TO THE CHIEF COMMISSIONER, BURMA, PUBLIC WORKS DE-
PARTMENT.

Simla, 18th February 1889.

The following is forwarded for information and guidance.

By order,

W. G. NICHOLSON, *Lieut.-Colonel,*

Secretary, Defence Committee.

GEN. No. 5.
6745.

WAR OFFICE,
The 3rd December 1888.

MEMORANDUM FOR COMMANDING ROYAL ENGINEERS.

The following instructions for setting racers of B. L. guns are forwarded
for the information of the C. R. E.

A. G. DURNFORD, *Colonel,*
For Inspector-General of Fortifications.

A drum of concrete about 3 feet in diameter should be first established at
the centre of the pit, and unyielding supports for timber should be obtained at
various points about 8' or 9' from the centre. (This dimension is for 6" B. L.
racers; for larger racers the distance would vary with the diameter of the racer
ring.)

4 Copies

The combined racer and ring must then be set in the *true* position, and there supported firmly on the timbers, with the holding down bolts hanging in their true positions. When in this position the weight must be taken by chains slung to railway bars, laid over the ring and resting on some of the outer supports blocked up for that purpose. When the weight is fairly taken, and the position and level of the ring are tested, and found to be true, the timber may be withdrawn, and the concrete filled in round the holding down bolts. The concrete must first be filled in up to within 6 inches of the ring, in the ordinary manner, and then hand packed concrete must be placed under the racer to take the weight and allow of the rails and chains being withdrawn. When the ring is fairly supported throughout and the nuts of the holding down bolts tightened to their future positions, the racer ring should be tested for level, and if not true, the nuts should be loosened, and the ring being lifted by means of tackle worked from a gyn, the bed of the racer can be packed, and grouted with rich thick cement grout; all cavities to be carefully filled in, and the racer replaced before the concrete sets.

The underside of the ironwork should be well tarred before being placed in position.

661

~~3~~
3

210 131 R
N^o 661. W d 7 March 89
A

P.T.C. 8.211/5

Defence Committee.

CIRCULAR NO. 13.

Forwarded to the
Hon^{ble} to the
Supt^r Genl: V Circle
and the Military
Dept.

Wm
5.3.89

Mh.
5/3/89

Instructions for setting racers of B. L. guns.

[Exd.—W. F. C.]

G. C. Press, Simla.—No. 136 D. C.—23-2 89—200.

[Signature]
D/Sec
W

J. E. V. Circle
Truly, Sept 15/3 189
Mh. Sept. 15/3 189

Cabt. of 1889, Madras.
PUBLIC WORKS.

Dated

7/3/89

Recd.

Encl.

G.O., 7 Nov 1888, No. 661 W

Racers of B. L. funds

Cii from the Defence
Committee spring
instructions for setting
—, land to the S. E.,
17 mile, & the vicinity
Sept.

(4)

CO
/H

57/3

Cm/3