

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.

B.P. No.

1333
133-1824

Press

Mis.

Dated

*14.5*18 *73*.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th May 1873.*

No. 183. Read the following despatch from the Right Honourable the DUKE of ARGYLL, Secretary of State for India, to His Excellency the Right Honourable the Governor in Council, Fort St. George, dated India Office, London, 23d April 1873, No. 3:—

HEREWITH is forwarded, for the information of the officers of your Public Works Department, a copy of a letter from Mr. W. Parkes, dated 13th March, reporting on a cement-testing machine lately manufactured for your Government in compliance with the request contained in your letter No. 20 of 18th September last.

2. The machine will be shortly shipped for your Presidency.

From W. PARKES, Esq., to the Director-General of Stores, India Office, dated 23, Abingdon Street, 13th March 1873.

I beg to inform you that I have this day inspected and approved the cement-testing machine on Mr. Michéle's plan ordered by you for the Government of Madras. A small alteration which I have suggested requires to be completed, but the machine will be ready for delivery in a few days.

2. It may be desirable for you to communicate to the Government of Madras my conclusion that, though the machine will be, I hope, useful for the purpose intended, it must not be assumed that its indications are very precise. Indeed, in respect of its precision, I am disappointed in it.

3. I found on examination that the graduations on the segment were irregular, and I, therefore, requested that the machine might be tested by actual weights. These weights were not satisfactorily indicated on the segment as graduated. I therefore had a new segment fixed and personally superintended the graduation. I found that it was impossible to rely upon the position of the index in any part of the arc within limits representing 15 to 20 lbs. of strain. This want of nicety is obviously due to the friction of the pins at the fulcrum and at the end of the short arm of the lever disturbing the due proportion of the lengths of the two arms. The fault is one inherent to the construction of the machine. The tests performed by the machine must, therefore, be considered as comparatively rough, but for such purposes it is no doubt convenient.

No. 184. ORDER THEREON, 14th May 1873, No. 1,333.

ACCOUNT, No. 14.

COMMUNICATED to the Chief Engineer for Irrigation, in continuation of G. O. No. 2,187 of 14th September 1872.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Chief Engineer for Irrigation.

Exd. E. C. Shunker.

Public Works

No 3

London

India Office.

9th April 1873

My Lord,

1. Herewith is forwarded for the information of the Officers of your Public Works Department, a copy of a letter from Mr. W. Parkes, dated 13th March, reporting on a Cement Testing Machine lately manufactured for your Government in compliance with the request contained in your letter, No 20 of 18th September last.

2. The machine will be shortly shipped for your Presidency.

I have the honor to be,

My Lord,

Your Lordship's most obedient humble servant,

[Signature]

His Excellency,
The Right Honorable,
The Governor in Council
Fort St. George.

N^o 4.

Public Works

9th April 1873

Recd of 12" deep / 13.

The
Letter to Fort St. George

is 3

See 1.

Feb 1873

Forwarding
a copy of a letter from
Mr. Parkes reporting
on a cement testing
Machine which has
been manufactured
for the Government
of Madras.

Received at Government on the
3rd May 1873.

Communicated to the Chief Engineer for Engraving
in Confirmation of 8th & 10th 21st 14th September 1872.

AMM

The Chief Engineer for Engraving
Nov 21-5-73.

H. D. W. 4

Govt. of 1873

PUBLIC WORKS.

The Chief Eng^r for
Irrigation

Date

Recd.

Encl. /

G. O. 14th May 1873. No. 1333-

Res. 1834/84

Cement testing machine.

Despatch from the Secy:
of State forwarding a copy
of letter from Mr. Parkes
reporting on a Cement
testing machine which
has been manufactured
for the Madras Govt.,
and to the Chief Eng^r for
Irrigation.