

(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. 2187
211-212Press
Mis.

Dated 14-9-1872

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
14th September 1872.*

No. 211.

Read the following :—

No. 181.

Note by the Acting Chief Engineer for Irrigation.

IN G. O., No. 1,802, dated 30th July 1872, Mr. Parkes' report on the cement testing machine by M. V. deMichele has been referred to me for such remarks as I may wish to offer, with reference to G. O., No. 554, dated 25th February 1871.

2. Mr. Parkes, Civil Engineer, specially notes four objections to deMichele's machine; on a reference, however, to a description of the machine in the Engineering Journal of 23rd December 1870, two of these objections disappear, namely, Nos. 3 and 4, for when the block breaks the record of the strain is not lost by the fall of the weight, as it is said to be, but it is indicated by a pointer. By arrangements specially made the weight falls through so small a space that the jar must be very inconsiderable.

3. I have not been able to obtain a plan or description of Mr. Adie's machine which Mr. Parkes recommends, but from what can be gathered from Mr. Parkes' description, certain advantages in the latter are sacrificed for the purpose of obtaining compactness in the former, which does not appear to have come generally into use, and it is supposed that manufacturers would not be satisfied at results obtained from a machine not generally recognised in England; the machine, however, would probably never be required to test Portland cement.

4. The cost of neither machine is mentioned. I would suggest that it should be left to Mr. Parkes, Civil Engineer, to select the machine he deems most simple, useful, and reliable after he has seen Mr. M. V. deMichele's machine at work, and that only one instead of two machines should be supplied.

5. Mr. M. V. de Michele's machine will indicate the adhesive or tensile strength of the cement only, and not its resistance to crushing; if Adie's machine indicates the latter also it should be preferred.

OOTACAMUND,
3rd September 1872.

(Signed) R. F. OAKES, Major, R.E.,
Acting Chief Engineer for Irrigation.

ORDER THEREON, 14th September 1872, No. 2,187.

No. 212.

ACCOUNT, No. 23.

ORDERED that the Home Government be addressed on the subject.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

Exd. J. Wright.

Note by the Ag. Chief Engineer for Immigration

In G.O. N^o 1802 dated 30th July 1872 Mr. Parker's report on the cement testing machine by M. V. de Inchele has been referred to me for such remarks; as I may wish to offer with reference to G.O. N^o 554 dated 25th February 1871.

2. Mr. Parker C.E. specially notes four objections to de Inchele's machine; on a reference, however, to a description of the machine in the Engineering Journal of 23rd December 1870 two of these objections disappear viz N^{os} 3 & 4 for when the block breaks the record of the strain is not lost by the fall of the weight, as it is said to be; but it is indicated by a pointer. By arrangements specially made the weight falls through so small a space that the jar must be very inconsiderable.

3. I have not been able to obtain a

10
J. H. Sept 72

Account No 2187.
Proceedings of the Madras Government
Under date the 14th September 1872
The following
From the as Chief Engineer
(Here enter No 1815/3rd Sept 1872)
Ordered that the
Name of the be addressed to
the subject.
To The Right Honorable
the Secretary of State
for India
May Lord (Anke).

20
No 20 of 1872

Your Grace's Despatch
of the 13th June 1872. No 9.
giving cover to a report
from Mr Parker C E on
the relative advantages of
M. & W. Michelson's and
Adie's Machines for testing
Cement having been com-
municated to the Chief
Engineer for Irrigation, that
Officer has submitted the
accompanying note; and
under the opinions therein
expressed, we have the

20
No 20 of 1872

20
No 20 of 1872
The Chief Engineer
for Irrigation
The Secretary of State
for India
J. H. Sept

No 187

20
No 20 of 1872
The Chief Engineer
for Irrigation
The Secretary of State
for India
J. H. Sept

20
No 20 of 1872
The Chief Engineer
for Irrigation
The Secretary of State
for India
J. H. Sept

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No 20 of 1872
The Chief Engineer
for Irrigation
The Secretary of State
for India
J. H. Sept

1872 1872
Mr. George

have to request that one of the descriptions of machine may be supplied.

as Mr. Parker may recommend after inspection of de Mueke's machine when at work.

Yours

Letter to the Hon. Secy of the
the Secretary of State for India

Letter 1872 Sept 20 of 1872

Original Copy sent per Quater
mail on the 26th Sept/72

Copy sent to the Govt of India
on the 26th Sept 1872

Forwarding copy
of note by Mr. H. J. Taylor
for mention in Mr. Parker's
report for on the Cement
Testing Machines and re-
questing that one of either
description of machine may
be supplied as Mr. Parker
may recommend.

R- 11/9/72

P.W. Secy to Engrs dated 18th Sept
no. 20 of 1872

C/4453

Govt. of 1872 Madras.

PUBLIC WORKS.

To

Dated

Recd.

Encl.

G. O. 13th Sept No. 2187.

Nos. 211 & 212

Cement testing machine.

Passing orders in the name
by the Chief Engineer for Im-
pulsion in Mr Parker's
Report on the Cement
Testing Machine.