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L. & M.
2,000-6-8-06.

Local & Munl. (1895) Department.

MISCELLANEOUS.

G.O., No. 1022 m

DATED 26th June 1895.

[Despatch Abstract.]

Concrete pipes.

Recording letter from Messrs. Arbuthnot and Co. stating that they intend sending a dozen of 6" --- the Assistant Engi-
near Trichinopoly to be tested.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Madras, 5th June 1895.

Local & Municipal Dept.
CURRENT 13. 1804m

From

Arbutnot

To

The Chief Secretary to Government
Local & Municipal Department

Sir,

With reference to the Govt Order of 8th May
No. 806 M. M. on the Report furnished by the
Assistant Sanitary Engineer Southern Circle
Trichinopoly, detailing results of tests of 3 or four
6" Concrete Pipes, we have the honor to inform you
that from experiments we have since made, we are
satisfied that the two pipes which burst at 5th pressure
along the line of the joint, must have been injured
during their manufacture, in consequence probably
of inexperience on the part of the workmen in
removing the pipes from the moulds.

The first pipe tested, according to the Report
gave very satisfactory results & proved the possibility
of making these pipes to stand the pressure of a
considerable head of water, & if proper care is taken in
the manufacture, we feel sure that the joint in the
moulds are not a source of weakness.

Three pipes manufactured on different dates were
tested lately at our works by hydraulic pressure, with the
following results.

No. 1 broke at 30 lbs per sq inch = 69 ft. head of water
No. 2 " " 47 " " 108 " " "
No. 3 " " 35 " " 81 " " "

All three pipes broke longitudinally not along
the line of the joint.

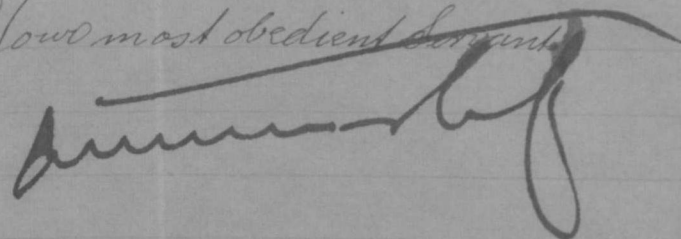
As we are anxious that further test should
be made, we intend sending shortly a dozen of
our 6" Concrete Pipes to the Assistant Sanitary
Engineer at Trichinopoly to be tested, and shall

await the result with great interest.

We have the honor to be

Sir,

Your most obedient servant

A handwritten signature in dark ink, appearing to be "J. M. Smith" or similar, written in a cursive style.

6 JUN. 95

11/6/16

11/6/16

11/6/16

Local & Municipal Dept.

CURRENT No. 1804/M

From

Messrs. Arbuthnot & Co.
Madras

No.

Dated 5-6-95

Received 6-6-95

Enclosures

SUBJECT.

Stating that they intend to send a dozen 6" concrete pipes to the Assistant Sanitary Engineer at Trichinopoly to be tested.

order.

Recorded.

18/6/95

18/6/95

Copy to the Sanitary Engineer.

17/7/95

13/7/95

When given for copying
When copied
When examined
When signed

189

READ AGAIN G.O., No.
189

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH IN ORIGINAL.

N.B.—

- A = Copy in full.
- B = Not to be copied.
- F = Copy abstract only.
- Q = Copy heading only.