

- (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.	915 (2)	Press
~~B.P. No.~~		~~Mis.~~
Dated	7-4-	1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th April 1876.*

Read the following letters —

No. 118. From Major J O HASTED, R E, Superintending Engineer, Kistna District, to Lieutenant-Colonel J MULLINS, R E, Chief Engineer for Irrigation, dated Camp at Korntalah, 19th February 1876, No 130

With reference to G O, No 1,305, dated 7th May 1875, paragraph 2, I have the honor to inform you that I have requested the Officer in charge of 6th Range to make a further report on the enamelled iron gauges after the expiration of the hot weather, leaving the gauges standing, as there are many situations where they might have to be fixtures during the whole year, and possibly the enamel may not stand the heat

2 Up to this time the gauges are perfectly uninjured, and, when cleaned, look as well as they did originally. Some little difficulty was experienced in teaching the establishment to read them properly at first, as they are marked in feet and decimals, whereas the old gauges were in feet and inches, but I see no reason to object to the common use of decimals

3. Mr. Peters has brought to notice that the gauges would be more easily read, if, at the completion of each foot, the band of white were carried across the entire gauge, and I think this would be an improvement.

No. 118-A. From Lieutenant C. B. HENDERSON, R E, Assistant Engineer in charge of the Nellore District, to Lieutenant-Colonel J MULLINS, R E, Chief Engineer for Irrigation, dated Nellore, 20th February 1876, No. 103

In compliance with paragraph 2 of G O, No 1,305, of 7th May 1875, I have the honor to report that the enamelled iron gauges supplied to this district have been tried in both salt and fresh water.

2 They are pronounced to be much superior to the old wooden gauges, and the Officer in charge of Southern Range recommends their extensive use in the Delta channels

No 118-B. From Major J BEATTY, R E, District Engineer, Godavery, to Lieutenant-Colonel J. MULLINS, R E, Chief Engineer for Irrigation, dated Camp at Koder, 1st March 1876, No 3,534.

In reply to your memorandum, No 169, of 10th instant, I have the honor to report that the enamelled iron gauges, so far as they have yet been tried, have answered admirably. They have been used both in Godavery water and in tide water, and after being subjected to the action of both for some months show no signs of deterioration. Possibly they have not yet been tried for a sufficiently long period to test them thoroughly, but it seems certain that they will last for some years, while the ordinary painted staves require frequent repainting. I should say the enamelled gauges are decidedly superior to everything yet tried and should be brought into general use

No 118-C. From Lieutenant-Colonel R F OAKES, R E, Superintending Engineer, Tanjore, to Lieutenant-Colonel J MULLINS, R E, Chief Engineer for Irrigation, dated Tanjore, 6th March 1876, No 349

With reference to G O, No 1,305, of 7th May 1875, I have the honor to inform you that two of the enamelled gauges have been put up in this district, viz, on the Paundaviyaur and Velliyaaur regulators. I have no hesitation in stating that the

Proceedings of the Madras Government, Public Works Department,
7th April 1876.

gauges are far superior to anything hitherto used in the district for gauges, and would be glad to have enamelled gauges on all the works in the district where gauges are now fixed or marked, and where the height of water is registered.

No 119 ORDER THEREON, 7th April 1876, No 915

IRRIGATION, No 6-B

In G.O., No 908, of the 22nd March 1873, the General Superintendent, Public Works Stores, was instructed to indent for a small supply of enamelled iron gauges, and in G.O., 7th May 1875, No 1,305, those gauges were ordered to be sent for trial to the Godavery, Kistna, Nellore, and Tanjore Districts. The several District Engineers have reported very favorably upon the gauges, and their more general introduction is therefore approved.

2 District Engineers will include in their next indents for stores required from England such enamelled iron gauges as they may need, and they should be careful to note the number and length of gauges required, and to record in their offices the works to which they are, on receipt, to be distributed. A small supply of spare gauges may likewise be obtained.

3 Budget provision must be made to cover the cost.

(True Extract)

Colonel,
Offy Under Secy to Govt, P.W.D.

No 103 District Engineer's Office
Nellore 20th February 1876.

From, Lieutenant J. B. Anderson R.E.
Assistant Engineer
in charge of the District, Nellore
To, Lieutenant Colonel J. Mullins R.E.
Chief Engineer for Irrigation
Fort Saint George

Sir, In compliance with Para
2 of G.O. No 1,305 of 7th May 1875 I
have the honor to report that
the enamelled iron gauges
supplied to this District have
been tried in both salt and
fresh water
2 They are pronounced to be much
superior to the old wooden gauges
and the Officer in charge of them
(Engineer) recommends their extensive
use

use in the Delta Channels.

I have the honor to be

Sir,

Your most obedient servant.

C. B. Henderson

Assistant Engineer
in charge of the District

Chas

List of papers put up
with Chas 2343, 2344, 2345 &
2346 -

40 31st Jan'y/73 No 317 & 318.
" 22nd March " 308
" 7th May/75 1305.

Phy 7 1st 76 Bt 118.4

Cr 3-4-76

No 1305/1876.

Surp 9 Regs Office
Camp Moritalah.
19. 2-76.

From

Captain J. O. Hasted & Co
Superintending Engineer, Kachua District

To
Lieutenant Colonel John Mullins & Co
Chief Engineer for Irrigation,
Public Works Department
Fort Saint George

With reference to G.O. No 1305 dated 7th May 1875
para 2, I have the honor to inform you that I
have requested the Officer in charge of the Gauges to
make a further report on the enamelled Iron Gauges
after the expiration of the hot weather, leaving the
gauges standing, as there are many situations where
they might have to be fixed during the whole year,
and possibly the enamel may not stand the heat.

2 Up to the time the gauges are perfectly unimpaired
and when cleared look as well as they did originally.
Some little difficulty was experienced in teaching the
Establishment to read them properly at first as they
are marked in feet and decimals whereas the old
gauges were in feet and inches, but I see no reason
to object to the common use of decimals.

3 As Mr. Hasted has brought to notice that the gauges
would be more easily read, if, at the completion
of each foot the band of white were carried across the
entire gauge, and I think this would be an improvement.

I have the honor to be
Your most obedient servant
John Hasted
Superintending Engineer Kachua

Cle's No 410

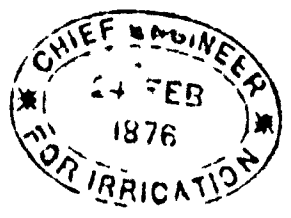


Report on the
trial of enamelled
iron gauges supplied
from Camp 1st, with
the view of ascertaining
their durability and
superiority to the
common iron gauges.

Dated 19 February 1876
Received 30 March 1876
No 130.

To the Chief Engineer
for Irrigation
from
1876
No 23413
The Camp Engineer
for Irrigation

Cle's No 393



with reference to the
trial of the iron gauges
supplied from Camp 1st,
which were used in the
trial of the iron gauges
supplied from Camp 1st,
and found to be superior
to the common iron
gauges.

Dated 27 Feb 1876
No 21
Received 30 March
No 108

To the Chief Engineer
for Irrigation
from
1876
No 23414
The Camp Engineer
for Irrigation

123534 District Engineer Office Godavari
Camp Koder 1st March 1876.
Despatch No.

From
Major J. Keatty R.E.
District Engineer Godavari, Dt.

To
Lieutenant Colonel J. Mullins R.E.
Chief Engineer for Irrigation.

Sir,
In reply to your Memo No 169 of 10th
instant, I have the honor to report that the
enamelled iron gauges, so far as they have yet
been tried have answered admirably. They have
been used both in Godavari water and in tide
water, and after being subjected to the action
of water for some months show no signs of deteri-
oration. As yet they have not yet been tried
for a sufficiently long period to test them tho-
roughly but it is very certain that they will last
for some years, while the ordinary painted staves
require frequent repainting. I should say the
enamelled gauges are decidedly superior to every
other yet tried and should be brought into
general

general use.

2 I have the honor to be, Sir,
C.E. No. 5

Your Most obedient Servant

J. Beatty, Major R.E.

District Engineer Godavery Dt

gauges.

Reports his expe-
rience of the en-
amelled iron

Dated 18th March
1876 No. 23534

To the Chief Engineer
for Irrigation

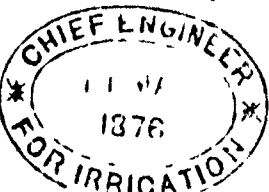
Godavery Dt

The District Engineer

for Irrigation

No. 23534

1876



Ph 7 4th 76 Bt 110 B

Apr 3-4-76

No. 349

Superintendent
Tanjore 6 March 76

From

Lieut Col. J. F. Coker M.E.
Superintendent, Tanjore

To

Lieut Col. John Mullins M.E.
Chief Engineer for Irrigation

Sir,

With reference to G.O. No. 1305
of 7 May 1875, I have the honor to
inform you that 2 of the enamelled
gauges have been put up in
this District viz on the Pannu-
rivan and Velliyann Regulators.
I have no hesitation in stating
that the gauges are far superior
to anything hitherto used in the
District for gauges and would
be glad to have enamelled
gauges on all the works in
the District where gauges are
now fixed or marked and where
the height of water is registered.

I have the honor to be
Sir
Your most obedient servant
J. F. Coker
Superintendent, Tanjore

Ces N 174
Ref



PM 1876 Sept
Nov 23 1876

The Deputy Engineer
Tanjore
to The Chief Engineer
Irrigation

No. 349

Butte & Hancock
Hess 1876 - 30 -

Informing that the
enamelled water
gauges are for
superior to those
withstand used in the
District.

Pl 7 1876 118

Gr 3-4-76

No 915 Public Works Dept.
Proceedings of the Madras Government
Under date the 7 April 76

Read the following

to Eng^r Kistna - (H.E. N. 130 of 19th Feb 1876)
in charge of Kistna (--- 103 --- 20th ---)
to Eng^r Godavery - (--- 3534 --- 1st March ---)
Eng^r Tanjore - (--- 349 --- 8th March ---)

In G.O. No. 908 of the 22nd
March 1873 the General
Superintendent Public Works
Stores was instructed to in-
dent for a small supply of
enamelled iron gauges, and
in G.O. 7th May 1875 N. 1305
these gauges were ordered to
be sent for trial to the
Godavery, Kistna, Kellore
and Tanjore Districts. The
several District Engineers
have reported very favourably
upon the gauges, and their
more general introduction
is.

is therefore approved -

2 District Engineers will include in their next indents for stores required from England such enamelled iron gauges as they may need, and they should be careful to note the number and length of gauges required, and to record in their offices the works to which they are, on receipt, to be distributed. A small supply of spare gauges may likewise be obtained.

3. Budget provision must be made to cover the cost.

by 27/3

AMW

To the District Engineer, 130
~~Godwin Street, London~~
~~and London.~~
Charges for freight 5
~~Contracting and accounts.~~
~~General Dept. of P.W.D.~~
Dated 20/4/16

2343
2344
2345
2346

CHAS. OF 18701 JAMES
PUBLIC WORKS.

To
The District Engineer.

14

Date

1870

1870

1870

G. O. 7 Feb 1870, No.

915

1870 11/8/7

Enamelled Iron faired.

The more general introduction of — approved:

Enit Engrs directed to include in their next tender for stores from England such — as they may need.

1870 11/8/7