

- (1) பக்கங்களின் எண்ணிக்கை 6
 (2) புதுக்கித் திருப்பிய நாள் 1889
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 600

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

(33)

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>3219</u>	அச்சகம் பலவகை
நாள் :	<u>12-11-1889</u>	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

3 Shuts 217

Superintending Engineer's Office, 6th Circle,
Trichinopoly, 4th November 1889.

No. 71972

329

From. The Superintending Engineer,
VI. Circle.

To The Chief Engineer,
C. P. W.

Sir,

1. Record room of
the District Court
at Kockaracolum
Palameottah
2. District Jail
at Palameottah.
3. Police Powder
magazine at
Palameottah.
4. Light house
on the Hare
Island. Tuticorin
5. Light House
at Muttam.

In continuation of this office
No. 558. T.C. of the 30th September /89,
I have the honor to report, for your in-
formation, that Supervisor Mr. Dady
has tested the lightning conductors
attached to the buildings noted in the
margin in the Tinnevely Division. From
his report it is observed that the con-
ductor attached to No. 2 is efficient.

2. The Executive Engineer has been
directed to attend at once to the im-
provements suggested by the Supervisor
to the conductors attached to other
buildings.

3. The Supervisor's suggestions and
remarks

remarks are noted below:—

No. 1. Record room of District Court

"The only thing that needs alteration
"is the bend over the projecting ridge
"at each end of the building. The top
"is carried over the end of the ridge
"pole and bent under it again - the
"projection being 2 feet out from
"building. It should be carried
"straight down, or if it is not worth
"- while removing this, an extra piece
"may be added from the base of
"the upper terminal straight down
"to the Conductor under the projection".

No. 3. Police Powder Magazine

"The high resistances shewed that the
"earth connections are very bad. The
"whole of the iron chains and flat
"iron bars may be removed, as they
"are of no use, except the iron bar
"with the deep well connection. If
"this iron bar is rivetted to the corner
"rod, the well cleared of brick debris,
"and couple of Cwt of scrap iron put
"in at the bottom with sand and
charcoal

"charcoal, the Conductor will be efficient
"enough for the protection of the Magazine"

No. 4. Lighthouse on the Hare Island 3219

"The resistance of the Conductor may
"be lowered by adding scrap iron to
"the earth plate. The cable should be
"painted"

No. 5. Lighthouse at Muttam

"The conductor can be much improved
"by adding a deep earth connection.
"It will be necessary to remove a few
"Cy⁸ of rock which will not be so
"expensive as a new Conductor which
"I am told was being estimated for.
"The cable wants painting. a deep
"earth connection, say 15 below
"ground level, with scrap iron sand
"and coke at the bottom would make
"the Conductor a very efficient one."

4. With reference to No. 5. Light
house at Muttam - this was inspected
by the Executive Engineer in July last
and his report was submitted in this
office No. 383.T.N. of the 18th idem.
This was reviewed in G.O. No. 2301

of 22nd August 189, Estimates were
called for for an improved lightning
conductor, &c. From the Supervisor's
report it would appear that the
existing conductor can be improved
and that a new conductor is not
necessary, as was considered by the
Presidency Post Office. The special
attention of the Executive Engineer
has been drawn to the Supervisor's
suggestion, which, if carried out,
will prove less expensive.

I have the honor to be

Sir

Your most obedient servant

M. A. J.

Executive Engineer

In Charge of 6th Circle

PWC 10528

From
The Supt. Engineer
W circle

To
The Chief Engineer
P.W.D.

- 891 C of 22.2.87
- 599 W of 18.2.87
- 1919 W of 17.7.87
- 2010 W of 15.7.87
- 2307 W of 11.8.87
- 2825 W of 10.10.87

No 719 TC
Dated 4th Dec 87
3 November 1889

submits report from
superior Mr. Dady on
the testing of lightning
conductors attached to the
certain buildings in the
Simenelly Ga.

No 3219 W of 12.11.87
Recorded, and
the remarks regarding
Nos 4 and 5 commu-
nicated to the Marine
Department.

Recd
7.11.87
Rue 11.87

(3)

S.E. VI Circle
Marine Dept
D 13/11
H.W. 8.11.87
2/18/11

490 16/11 to the order