

- (1) பக்கங்களின் எண்ணிக்கை 8
 (2) புதுக்கித் திருப்பிய நாள் 9/91
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

[Signature] துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3245	அச்சகம் பலவகை
நாள் : 25. 11. 1992		

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

[Signature]

3245
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.

Civil Works.

READ—the following paper:—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle,
to the Chief Engineer, Public Works Department (through the Presidency
Port Officer, Madras), dated Trichinopoly, 5th November 1892, No. 713 T.N.

I have the honour to report, for your information, that the lightning conductor attached to Mutham light-house was tested by Mr. Hendrick, Supervisor, on the 14th October 1892 and his report shows satisfactory result.

2. The supervisor states that the conductor is perfect from its connection with dome to ground line, but that the top of windvane, the highest point of the light-house, not being in metallic connection with the conductor, it revolves in a round socket. He suggests an independent terminal being put up in metallic connection with the conductor and about 3 feet higher than the top of the windvane.

3. As regards the earth connection it is stated that it consists of a coil 4 feet outer diameter buried in a pit 10 feet below ground level and 360 feet from the light-house, but not in permanently wet soil. The result obtained is however said to be good and that the conductor is put up neatly.

4. The Executive Engineer has been ordered to carry out the suggestion of the supervisor as to an independent terminal being put up in metallic connection with the conductor.

No. 690/230 P.W.

Forwarded.

(Signed) H. A. STREET, Commander R.I.M.,
Presidency Port Officer.

8th Nov. 1892.

ORDER—dated 25th November 1892, No. 3245 W., Public Works.

Communicated to the Marine Department.

2. The action reported in para. 4 of the Superintending Engineer's letter is approved.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Marine Department.
„ Superintending Engineer, VI Circle.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.

PUBLIC WORKS.

Dated November, 25th.

Recd.

Encl.

G.O., 25th Nov. 1892, No. 3245 W.

NOVEMBER.

Light-house at Mutham

Report from the Superintending Engineer,
VI Circle, stating that the lightning con-
ductor attached to the — was tested by
Mr. Hendrick, Supervisor, communicated,
with remarks, to the Marine Department.

No. 713 TN

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

Trichinopoly. 5th November 1892.

From

Lt. Col. A. C. Smith R.E.
The Superintending Engineer,

6th CIRCLE.

To

The Chief Engineer,

PUBLIC WORKS DEPARTMENT.

SIR,

Thro' the Secretary, Port of Madras

ENCLOSURES.

I have the honor to report, for
your information, that the lightning
Conductor attached to Mutham
Light house was tested by Mr. Hendrick
Supervisor, on the 14th October 92 & his
report shows satisfactory result.
1. The Supervisor states that the Con-
ductor is perfect from its connection
with dome to ground line; but that
the top of windvane, the highest
point of the light house, not being
in metallic connection with the
Conductor, it revolves in a round
socket. He suggests an independent
terminal being put up in metallic
connection with the Conductor & about
3 feet higher than the top of the wind
vane.

3. As regards the earth connection it is stated that it consists of a coil 4 feet outer diameter buried in a pit 10 feet below ground level and 360 feet from the light house, but not in permanently wet soil. The result obtained is however said to be good, and that the conductor is put up neatly.

4. The Executive Engineer has been ordered to carry out the suggestion of the Supervisor as to an independent terminal being put up in metallic connection with the conductor.

I have the honor to be
Sir,

Yours most obedient Servant.

Al Smith Lt Col. R.E.
Supg. Engineer
W. Birch

3245
3

P. W. CURRENT No. 11186

P. W. D. 6TH CIRCLE.

From

The Superintending Engineer,

6th Circle.

To

THE CHIEF ENGINEER,

PUBLIC WORKS DEPARTMENT.

No.

713 TN

Dated 5

Received

5 November 1892

Enclosures.

Lighthouse at Annam:-

Reporting that the lightning conductor attached to the — was tested by Mr. Hendricks Super on the 14th October 1892

No 314 W of 3-2-91

- 1361 W - 19-5-91

- 3017 C - 22-6-91

- 2327 W - 1-9-91

- 2552 W - 23-9-91.

No 690 — P.W.
230

Harmonised.

Latheet
Laminar R. S. M.
Rudra Ram M.

8 Nov 92

1892

Hen
A

No. 3245 W of 25 Nov 92

Communicated to
the Marine Dept.

2. The action reported
in para 4 of the
Suptg. Engineer's letter
is approved.

14/11/92

The Marine Dept

S. E. VI circle

4

C No 1186

Govt. of (1892) Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

G.O. 25th November 1892 No. 3245 W

Lighthouse at Mutham

Report from the Suptg.
Engineer ^{Mr. Lejeune} stating that the
lightning conductor attached
to the — was tested by
Mr. Hendrick, Supervisor,
Comd. with remarks,
to the Marine Dept.

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J 28/11

J.C. 18/11