

(1) Number of pages 4

(2) Date of repair _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. <i>2663</i>	Press ~~Mis.~~
<i>115-116</i>	
Dated _____	<i>1862</i>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th November 1862.*

No. 115. Read the following Circular from Major J. G. MEDLEY, R. E., Officiating under Secretary to the Government of India, to the Secretary to the Government of Madras, in the Public Works Department, dated Fort William, 1st October 1862, No. 99:—

The following Extract from a Circular issued by the War Department is published for general information, and it is hereby notified in supercession of paragraph 12, Section 2, Chapter 8, Public Works Code, that in future the use of platinum tips for Lightning Conductors will be discontinued, the rods themselves being merely roughly pointed.

Extract from a paper entitled 'Lightning Conductors, principles and instructions relative to their application to Powder Magazines and other Buildings:' by Sir W. Snow Harris, F. R. S.

"It has been occasionally the practice to gild the points of Lightning Conductors or make them of platinum, or otherwise bestow an extraordinary amount of care in perfecting the point, all of which is not only unnecessary, but in some instances detrimental to the action of the Conductor; if, for example, the Conductors be constructed of copper (a metal of high conducting power), then it would be manifestly prejudicial to terminate it in a platinum point, platinum being a metal not having one-half the conducting power of copper.

"With respect then to the point, it will be sufficient if the terminating solid rod be roughly pointed; almost any termination of the Conductor, even if a ball, a foot in diameter, would be actually a point when opposed to a thousand acres of charged clouds."

Govts., Bengal, N. W. P., and Punjab.
Govr., Straits Settlements.
Chief Commrs., Oudh, Central Provinces,
and British Burmah.
Commr., Mysore.
Resident, Hyderabad.

Copy forwarded for information and guidance to the Governments and Administrations noted in the margin, and the Governments of Madras and Bombay for information.

No. 116. ORDER THEREON, 5th November 1862, No. 2,663.

Ordered to be communicated to the Railway Department for information.

(Signed) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

CIRCULAR No. 99 of 1862.

PUBLIC WORKS DEPARTMENT, FORT WILLIAM, THE 1ST OCTOBER 1862.

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and British Burmah.
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J. Medley Major, R. E.
Offg. Under Secy. to the Govt. of India.

*The Secretary to the
Govt. of Madras
in the P.W. Dept.*

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