

(1) Number of pages _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2156	Press
B.P. No.		Mis.
Dated	5 - 8 - 1952	18/4

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th August 1874.*

No. 121. Read the following letter from Surgeon E. NICHOLSON, B.M.S., on special duty, Public Works Department, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Bangalore, 13th July 1874, No. 84:—

In continuation of my letter No. 83, of the 8th instant, I have the honor to enclose copy of the *Chemical News* of June 5th, (just received,) in which is an article on the calcimeter, from which its construction and application can be understood. The article was written for the information of Chemists, but should Government be pleased to consider the introduction of the instrument desirable in order to enable Engineers to examine limestones and limes, I shall be glad on receiving back the newspaper to draw up a notice of the instrument for the use of the department.

No. 122. ORDER THEREON, 5th August 1874, No. 2,156.

IRRIGATION, No. 8.

Establishment.

THE Government are doubtful whether the calcimeter is an apparatus of which Engineers generally would be likely to be able to make use, but there are probably some officers who would be

glad of a drawing of the calcimeter on a scale sufficiently large to show the dimensions of the various parts, together with a description of the *rationale* of the process employed, and of its bearing on the value, for engineering purposes, of the materials tested, and Surgeon Nicholson's offer to furnish such information is accordingly gladly accepted. A few examples of the working out of results obtained may with advantage be given. The probable cost of the apparatus should be named.

2. The papers on Indian Engineering published at Roorkee, under the editorship of the Principal of the Civil Engineering College, would afford Surgeon Nicholson an opportunity of communicating to the profession generally, in India, the use and value of this apparatus in determining the volume of carbonic acid in different limestones.

(True Extract.)

Lieut.-Colonel, R.E.,
Joint Secretary to Government.

To Surgeon E. Nicholson, with copy of the *Chemical News*.
To the Chief Engineer for Irrigation.

Ed. S. T. Austin.
Spare Copies

57

N^o 84

Bangalore 13th July 1874.

From Surgeon E. Nicholson B.M.S.
on special duty P.W.D.

To The Chief Engineer and Secretary to Government
P.W.D.

Recd. 16/7/74
In continuation of my letter N^o 83 of 8th inst.
I have the honour to enclose a copy of the Chemical
News of June 5th (just received) in which is an article
on the Calceinometer from which its construction and
application can be understood. The article was
written for the information of chemists, but should
Government be pleased to consider the introduction of
the instrument desirable in order to enable engineers
to examine limestones and limes, I shall be glad
on receiving back the newspaper to draw up a notice
of the instrument for the use of the Department.

I have the honour to be
Sir,

Your most obedient servant

Edward Nicholson
Surgeon B.M.S.
on special duty P.W.D.

Public Works Department
2150

Proceedings of the Madras Government
Read the following

From
Surgeon C. K. Nicholson (F.C.S. & Co. dated
13th July 1874)

The Government are
doubtful whether the Calci-
meter is an apparatus of
which Engineers generally would
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be glad of a drawing of
the Calci-meter on a scale
sufficiently large to show
the dimensions of the various
parts

MD
2/17
Why not put out a few?

P. W. 1874 Dept.
No. 4587

Surgeon C. K. Nicholson
in official duty & etc.

Date 13 July 1874
Recd. 24 July 1874

1874 No 121
The Madras Government
Public Works Department
2150

Surgeon C. K. Nicholson
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Date 13 July 1874
Recd. 24 July 1874

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2. The Papers on Indian Engineering;

being interesting & published at Brooke, under the patronage of the Principal of the Civil Engineering College, would afford Surgeon Nicholson an opportunity of communicating to the profession generally, in India, the use and value of this apparatus in determining the volume of carbonic acid in different limestones.

Wm. 1871/4

Copy

To
Surgeon Nicholson with copy
of the Chemical news
The Chief Eng^r for Irrigⁿ
S. Copies despatched 11/8/74.

4587
Govt. of 1874 Madras.

PUBLIC WORKS.

To

Surgeon E. Nicholson

Dated

Recd.

Encl.

G. O. 5 Aug 1874, No. 2156

Nos. 121-122.

Calcutta. Paping or
also in letter from Mr. Nicholson
forwarding copy of the
Chemical News con-
taining particulars of
the Calcutta & offering
to draw up a notice of
the apparatus, if de-
sired.