

Judicial (1895) Department.

ORDINARY MS.

G.O., No. 982

Dated 10th May 1895

[Despatch Abstract.]

FILTERS FOR THE JAIL DEPARTMENT.

Directing the Inspector-General to ascertain the prices of the filters which he mentions, and report the quantity of water which can be passed through them per diem.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Number.	Date.	Dated from.	
1-6-1781		Masulipatam	Letter to Captain Arthur Dill; directing him to go to the 6th Battalion and desiring him to work to common enemy; and such other
1-6-1781	- do -		Letter to Mr Robert Gardiner Committee having placed the Board all employees d as under their orders.

G.O. 11
2,536-4-8-85.

ORDINARY, MS.

Judicial DEPARTMENT.
G.O., DATED 10-5-85
No. 982

INDEXED.

When given for copying. 12/5
(4 PM)

[Despatch Abstract.]

Filters for the first Dept
Directing the Super End.
to ascertain the prices
of the filters which he
mentions & report the
quantity of water which
can be passed through
them per diem.

BACK PAPER, No.

OF 189

FURTHER PAPER, No.

OF 189

READ AGAIN ORDER OF GOVERNMENT, DATED
189, No. , MISCELLANEOUS.

ENCLOSURES.

CURRENT No.

STATEMENT WITH DITTO.

ORDER OF GOVERNMENT

A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL (not paged).

N.B.—

- A — Copy in full.
- B — Not to be copied.
- P — Copy abstract only.
- Q — Copy heading only.

CURRENT No. 1217

No. C/457

Camp Coimbatore

OFFICE OF THE INSPECTOR-GENERAL OF JAILS, Prisons

Dated 9th March 1895.

From

A. G. CARDEW, Esq., M.A.,

INSPECTOR-GENERAL OF JAILS, Prisons.

To

THE

CHIEF SECRETARY TO GOVERNMENT,

SIR,

Enclosure.

D.O. to the Chief
Secretary dated
May 15th, 1893

D.O. from the
Chief Secretary
of 20th May 1893.
N. 196.

In the marginally-noted Letter, I requested the Government to arrange for the supply to this Department of one or more of the Chamberland Pasteur or of the Berkefeld Filters, a supply of which was said to be then on its way to this country. Being requested to submit more definite information, I addressed all the Medical Storekeepers in India, but I was unable to learn anything further on the subject.

2. In the British Medical Journal, for the last 4 or 5 weeks of 1894, there appeared the report of a Committee of Medical Experts appointed to inquire into the relative efficiency of Water Filters in the prevention of

of infective disease. This Committee examined the Filters manufactured by all the chief Firms in England, including the silicated Carbon Filter, the Spongy Iron Filter, Doulton & Co's Filters, and many others, and reported that they "afforded no protection against the communication of water-borne disease".

The only filters which were found to supply efficient protection against such disease were three, all of foreign make, viz:-

- (1). Filtre Chamberland, Systeme Pasteur.
Agents. J. Defries & Sons Ltd., 147 Houses-
-ditch E.C.
- (2). The Berkefeld Filter Co., Ltd. 121 Oxford
Street London W.
- (3). Filtre-Mallie. Porcelaine d'Ami-
-ante, Maison Mallie-155 Faubourg Pois-
-sonniere, Paris.

The first two are those of which I wrote in 1893. It is not clear whether these Filters are adapted for use in large establishments such as a Tail, in which as much as 1,000 gallons may be required to be passed through the filter daily, but they are probably susceptible of adaptation to this purpose.

3. The Filters at present used in Tails are undoubtedly inefficient, and are nearly

nearly as likely to be the cause of danger to health as to be a source of security. It is, of course, possible in times of epidemics to fall back on the practice of boiling the drinking water, but this is always expensive, and, unless care is taken that the water is actually boiled, it is not much use as a precaution against water-borne disease.

The invention of a Filter which has been experimentally shown to be really effective is, therefore, a matter of much importance, and I have the honour to request that the Government may be pleased to ascertain whether the Home Department of the India Office intends to make any supply of these Filters to India, and, if there is no such intention, to indent for such a supply, a part of which might be made over to this Department.

I have the honour to be,
Sir,

Your most obedient servant

R. G. Cardew
Inspector General of Prisons.

p 1490
British Medical
Journal
vise page
1486 to 1490
of the vol: Oct 1904
perhaps

1217
JUDICIAL.

JAIL (1895) DEPARTMENT.

From

THE INSPECTOR-GENERAL OF PRISONS,
JAILS,

To

THE CHIEF SECRETARY TO GOVERNMENT.

Dated 9th }
Despatched 10th } March 1895.
Received 11th }

No. 1217
CHIEF SECRETARY
11 MAR 1895
GOVERNMENT OF MADRAS
ENCLOSURES. Nil

Subject.
"Filters"

Requesting that the Government may be pleased to ascertain whether the Store Department of the India Office intends to make any supply of the kind of Filters referred to within, to India, & if there is no such intention, to identify for such a supply and make over a part of it to the Department.

For orders
E. G. 1895/55

Requirement 6/3/95
15/3-95
19/3/95
Please send records - sent 7/4/95
5/4/95

CURRENT No. 1941

OFFICE OF SURGEON-GENERAL

No. 1217
Encl.

WITH THE GOVERNMENT OF MADRAS,
Madras, 18th April 1895.

From

SURGEON-MAJOR-GENERAL C. SIBTHORPE, F.R.C.P.I.,

SURGEON-GENERAL WITH THE

GOVERNMENT OF MADRAS,

Madras,

To

THE Honorable the Chief Secretary
to Government
Judicial Department.

SIR,

With reference to your Memo No. C No. 1217 of 18 March 1895 I have the honor to forward volume II of the British medical journal of 1894 which contains the numbers for the last three months of the year.

2. Favours of return of the volume when no longer required is requested.

I have the honour to be,

Sir,

Your most obedient Servant,

C. Sibthorne Surgn.-Major-Genl.,
Surgeon-General with the Govt. of Madras,

11

CURRENT No. 1941.
Jucul (1895) DEPARTMENT.

From
SURGEON-MAJOR-GENL. C. SIBTHORPE, F.R.C.P.I.,
SURGEON-GENERAL WITH THE
GOVERNMENT OF MADRAS,
Madras,

To
SECRETARY
GOVERNMENT OF MADRAS
8 APR 1895
No. 1895
ENCLOSURE. one book.

Dated 18 April 1895
Received 18
Regd 19

No.

SUBJECT.

Towards Vol. II of the
British Medical Journal
of 1894 and requests the
return of the same when no longer
required.

us 19/4

(For orders)

G.
8-3-95.

DEPARTMENT.

C. No 1217 + 1941/95.

FOR ORDERS.

Let Mr. Cardew find
out prices & quantities of
water which the filters can
pass per diem & then we
will see.

RS
26/4/95

Order 810. May 1895, no 982.

The G.O. should ascertain
the prices of the filters which
he mentions & report the quantity
of water which can be passed
through them per diem.

fr. o.

DESPATCHED 55

The S.S. Pnsn 17 MAY 95

copy 14/6 25 M.S.

Office note

Return the British Medical
Journal to the S.S. after the
S.S. replies & final order
has been passed.

19.4

Mr. Cardew wants to ascertain
whether the Store Dept. of the India office
intends to supply effective water filters
to India & if there is no such intention
he suggests that they may be ordered
for for the use of the Tail Dept.
a brief account of the three
filters to which he refers will be
found at pp. 1487 to 1490 of the British
Medical Journal put up; no information
as to their price is given & there is
nothing to show how far the opinion
of Messrs. Woodhead & Cartwright
may be accepted as final on the
points in issue - viz. whether these
filters effectually prevent the transmission
of the germ of "water borne" disease.
Perhaps the Surgeon General's
opinion might be taken as to this
particular matter - & also as to the
applicability of these filters for
foul use, their price & durability
& it might then be advisable to
address India.

The Chamberland Filter seems to be used for the French Army and if this is the case it can be used for jails, but it is a question whether filters are necessary at all in Indian jails. Apparently whether if precautions are taken to prevent the fouling of the water in jail wells it will not practically be all that is wanted.

I do not know of any case in which an outbreak of epidemic disease - i.e. cholera - has ever been traced to the water.

I recollect one case of a bad outbreak in the Combaone Jail where it was distinctly stated by the medical officers who investigated matters that it was not the water which was in fault. I am not aware of any case in which the conclusion arrived at was that it was.

Typhoid fever is I believe practically unknown in jails.

Dysentery and diarrhoea have been as far as I can recollect always been put down to the food and not the water.

I have never submitted that outlay on expensive filters is not required for the jail of the Presidency and that costly measures of this kind can only be thought of when Govt. has plenty of money to throw away which it at present has not.

24/1/00

File of the Jail Dept.

FOR ORDERS.

on given for copying _____
on copied _____
on examined _____
on signed _____

189

IS AGAIN G.O., No. 189

DATED

URGENT No.

ENCLOSURES TO G. No.

ORDER OF GOVERNMENT

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