

No 1992 Wd 18th July 1883

B

Communicated
to the Supply Corps
Third & Fifth Circles
in continuation of
G.O. No 2499 Wd 26th Sept
1882.

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P.W.C. No 5847

Gobt. of (1883) Madras.

MILITARY.

To THE QUARTERMASTER-GENERAL,
&c., &c., &c.

10. L. C.

Dated July, 9th

Issued

Recd. 11/7/83

Encl.

G.O., 9th July 1883, No. 3806.

No 1992 Wd 18-7-83

JULY.

Nos. 79-80.

h s e

Horses—Sanitary.

Cinerator.—Improved plan of —, forwarded
by the Quartermaster-General in view to its
adoption in substitution of the former one.

2 Copies to Dd 24-7-83

With order

With order

Subd. in Receipt Regr.

S.E. Third Circle ✓
S.S. Third Circle
Fifth Circle ✓
Fifth Circle ✓
1023/7 1077

GOVERNMENT OF MADRAS.
MILITARY DEPARTMENT.

9th July 1883, No. 3806.

Horses—Sanitary.

Read the following paper :—

No. 79. From Colonel R. C. STEWART, *Officiating Quartermaster-General*, to Colonel E. L. HANKIN, *Secretary to Government, Military Department*; dated Ootacamund, 25th June 1883, No. 427-4662.

With reference to O. G., No. 4704, dated 4th September 1882, I have the honor, by order, to forward, for the information of Government, the enclosed improved plan of a cinerator, accompanied by copy of a letter * from Veterinary-Surgeon Mills, describing the improvements which he has effected, by experiment, on the previous plan, and recommending that this plan be adopted in substitution of the former one.

2. His Excellency the Commander-in-Chief has approved of the improved plan, and has directed that it be circulated, with copy of letter from Veterinary-Surgeon Mills, to out-stations, in substitution of the previous one.

From J. MILLS, Esq., M.R.C.V.S., *Inspector of Cattle Diseases*, to G. EVANS, Esq., *Inspecting Veterinary-Surgeon, Madras Army, Ootacamund*; dated Saidápet, 27th April 1883, No. 1141-B.

I have the honor to report that, in continuing my experiments with cinerators, I have at last been able to devise one which seems to me as near as perfect as one can get them, especially when only built of mud, and certainly an improvement on any I have yet built.

It differs from those referred to in my previous reports in the following particulars :—

- 1st.—The vent holes are much smaller ;
- 2nd.—The opening at top is narrowed ;
- 3rd.—They are higher in proportion to their breadth than the previous cinerators ;
- 4th.—They cremate the carcasses much quicker ;
- 5th.—The cost of building is only Rs. 4-8-0. †

† When coolies are hired for the work.
(Initialled) G. E.

2. With these advantages, and after many careful experiments, I have come to the conclusion that this form of cremator will be found in every way preferable to any others, and I would strongly recommend its adoption.

3. Since building this cinerator, I have reduced to ashes one large Australian cow and three horses in it, and the time occupied was certainly less than on any other occasion.

4. For particulars as to construction, see attached plan marked enclosure No. 1.

No. 80. ORDER THEREON, 9th July 1883, No. 3806.

Communicated to departments furnished with Proceedings of Government, No. 4704, dated 4th September 1882, and the plan transferred to the Financial Department.

(True Extract.)

(Signed) E. L. HANKIN, Colonel,
Secretary to Government.

To the Quartermaster-General.
„ Surgeon-General, Her Majesty's Forces.
„ Financial Department, with 1 plan.
„ Public Works Department.
„ Sanitary Commissioner.
„ Adjutant-General, for information.

Exd. P. L. Pereira.

Govt. of (1883) Madras.

MILITARY.

To
THE QUARTERMASTER-GENERAL,
&c., &c., &c.

Dated July, 9th.

Issued

Recd.

Encl.

G.O., 9th July 1883, No. 3806.

No 1992 traf 18th July/83

JULY.

Nos. 79-80.

Communicated to the

Secy 3^d & 5th Circles
in continuation of G.O. No. 2499
dated 26th Sept/82.

S.E. 3^d circle
" 5th "

of A.S.R.

Horses—Sanitary.

Cinerator.—Improved plan of —, forwarded
by the Quartermaster-General in view to its
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GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

9th July 1883, No. 3806.

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From J. MILLS, Esq., M.R.C.V.S., Inspector of Cattle Diseases, to G. EVANS, Esq., Inspecting
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1st.—The vent holes are much smaller ;

2nd.—The opening at top is narrowed ;

3rd.—They are higher in proportion to their breadth than the previous cinerators ;

4th.—They cremate the carcases much quicker ;

† When coolies are hired for the work.

(Initialled) G. E.

5th.—The cost of building is only Rs.
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2. With these advantages, and after many careful experiments, I have come to the conclu-
sion that this form of cremator will be found in every way preferable to any others, and I would
strongly recommend its adoption.

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No. 4704, dated 4th September 1882, and the plan transferred to the Financial
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(True Extract.)

(Signed)

E. L. HANKIN, Colonel,
Secretary to Government.

To the Quartermaster-General.

" Surgeon-General, Her Majesty's Forces.

" Financial Department, with 1 plan.

" Public Works Department.

" Sanitary Commissioner.

" Adjutant-General, for information.

Exd. P. L. Pereira.

Gobt. of (1883) Madras.

MILITARY.

To
THE QUARTERMASTER-GENERAL,
&c., &c., &c.

Dated July, 9th.

Issued

Recd.

Encl.

G.O., 9th July 1883, No. 3806.

No. 1992 waf. 18th July 1883.

JULY.

Nos. 79-80.

Communicated to the
Ses 3^d + 5th circles in continuation
of No. 2499 waf. 26th Sep 1883

S.E. 3^d Circle

" 5th - "

sd/ask

Horses—Sanitary.

Cinerator.—Improved plan of —, forwarded
by the Quartermaster-General in view to its
adoption in substitution of the former one.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

4th September 1882, No. 4704.

Horses—Sanitary.

Read the following papers:—

No. 63. From Lieutenant-Colonel J. EWING, Officiating Quartermaster-General,
to Colonel E. L. HANKIN, Acting Secretary to Government, Military
Department; dated Fort St. George, 2nd August 1882, No. 6018.

I have the honor, by order, to forward, for submission to Government, the
enclosed report on cinerators received from the Inspecting Veterinary Surgeon,
Madras Army.

2. His Excellency the Commander-in-Chief is fully convinced of the value of
such cinerators, and has accordingly issued orders that at all stations in this
command where mounted corps are stationed one or more of the cheap description
of cinerator (plan marked A) shall be provided for the purpose of burning refuse,
stable litter, dung and carcasses of animals which may have died from infectious
diseases, the labor of horse-keepers, &c., of the corps being utilized to carry out the
work as was done at Secunderabad.

3. I am to mention that the Commander-in-Chief of India has already
approved of the cinerators, and is about to order their general introduction in
Bengal.

4. Sir Frederick Roberts thinks it most desirable, in the interest of the
public generally, that the advantages of the cinerator should be as widely known
as possible; he accordingly approves of the Inspecting Veterinary Surgeon's
proposal to send the report to the Secretary, United Service Institution of India,
for publication in its journal. I am to request, therefore, that the report may be
returned to this office when no longer required.

From Veterinary Surgeon J. MILLS, Army Veterinary Department, doing duty Royal
Artillery, Centre District, to Inspecting Veterinary Surgeon G. EVANS, M.D.,
Madras Army, dated St. Thomas' Mount, 24th May 1882, No. 97.

I have the honor to forward a small report on my cinerators, together with a photograph of
the "cinerator in operation" at St. Thomas' Mount, and plans with estimates of the mud and
brick erections, marked respectively Nos. 1 and 2.

No. 241.

Forwarded to the Adjutant-General for the information of His Excellency the Commander-
in-Chief with a request that it may be returned to this office, and that His Excellency will be
pleased to allow me to send the report to the Secretary, United Service Institution of India,
for publication in the journal.

2. The photograph was damaged in transit. The appendix and plan No. 3 were not
received before yesterday; hence the delay in forwarding.

OOTACAMUND,
15th June 1882.

(Signed) G. EVANS, M.D.,
Inspecting Veterinary Surgeon.

No. 4112.

Referred through the Financial Department to the President, Madras Municipality, for information as to the result of experiments made with cinerators at Madras.

(By Order.)

OOTACAMUND,
4th August 1882.

(Signed) E. L. HANKIN, Colonel,
Ag. Secretary to Government.

No. 672.

Forwarded to the President for report.

OOTACAMUND,
5th August 1882.

(Signed) C. G. MASTER,
Chief Secretary.

No. 64. From A. T. ARUNDEL, Esq., President, Municipal Commission, Madras, to the Chief Secretary to Government, Ootacamund; dated Madras, 9th August 1882, P.W.O. No. 1058.

In reply to your No. 672, dated 5th August (the enclosures of which are herewith returned), I have the honor to enclose a report by the Vice-President on the working of the cinerators in the Madras Municipality. It will be seen that they have been disused for the last eight years.

No. 783.

Forwarded to the Military Department. It is recommended that the Sanitary Commissioner be asked for his opinion before any orders are passed.

OOTACAMUND,
19th August 1882.

(Signed) C. G. MASTER,
Chief Secretary.

No. 4442.

Referred accordingly for the opinion of the Sanitary Commissioner.

21st August 1882.

(Signed) E. L. HANKIN, Colonel,
Ag. Secretary to Government.

No. 65. From Deputy Surgeon-General M. C. FURNELL, M.D., F.R.C.S., Sanitary Commissioner for Madras, to Colonel E. L. HANKIN, Acting Secretary to Government, Military Department, Ootacamund; dated Madras, 30th August 1882, No. 767.

I have read with much interest Veterinary Surgeon J. Mills' report on cinerators for the cremation of stable refuse, dead horses, &c. There can, I think, be no doubt that, from a sanitary point, his views are perfectly sound and worthy of adoption.

2. The non-success of the Madras cinerators may, as suggested by Mr. Jones, have been due to faults in design; but far more probably, in my estimation, from the fact that sanitary matters in the Madras Municipality have never been superintended by an officer having any special knowledge of the subject, there being no sanitary officer or staff provided for in that large Municipality as in Bombay and Calcutta.

No. 66.

ORDER THEREON, 4th September 1882, No. 4704.

The Right Honorable the Governor in Council approves the action of His Excellency the Commander-in-Chief, reported in para. 2 of the Quartermaster-General's letter above recorded.

2. Veterinary Surgeon Mills' report on his cinerators is returned as requested.

(True Extract.)

(Signed) E. L. HANKIN, Colonel,
Ag. Secretary to Government.

To the Quartermaster-General, with 4 enclosures.
 „ Surgeon-General, Her Majesty's Forces, Madras.
 „ Public Works Department.
 „ Financial Department, with 1 plan.
 „ Sanitary Commissioner.
 „ Adjutant-General, for information.

Exd. A. F. Goodall.

Gobt. of (1882) Madras.
MILITARY.

To
THE QUARTERMASTER-GENERAL,
&c., &c., &c.

Dated September, 4th.

Issued

Recd.

Encl.

G.O., 4th September 1882, No. 4704.

SEPTEMBER.
Nos. 63-66.

Horses—Sanitary.

Cinerators.—Provision of — at all stations where mounted corps are located, for the purpose of burning refuse, stable litter, and carcasses of animals, approved.

GOVERNMENT OF MADRAS.
MILITARY DEPARTMENT.

9th July 1883, No. 3806.

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(True Extract.)

To the Quartermaster-General.
" Surgeon-General, Her Majesty's Forces.
" Financial Department, with 1 plan.
" Public Works Department. with 10 specimens.
" Sanitary Commissioner.
" Adjutant-General, for information.
Exd. P. L. Pereira.

Colonel,
Secretary to Government.

Order No 2499 in 26th Sept
Communicated to the
Supd. Engrs. Mins &
Fifth Corps
(True Extract)
Signed R. C. Stewart
of D. S. to Govt
P.H.

Supd. Engrs. Mins &
Fifth Corps