

Finl.
6.
506-24-8-97.

Financial (1899) Department.

ORDINARY MS.

G.O., No. 72

DATED 3-1-89

INDEXED.

[Despatch Abstract.]

Approving the action
of the supdca of stationery
in the matter of obtaining
a suitable substitute for
fuch sine

PRINTED IN G.O., dated

20-5-1899 No. 621

T 31/1/99

BACK PAPERS.

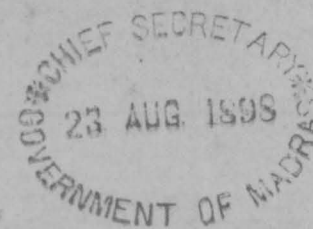
G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
1191/99		Office paper					

Financial Public Works (1898) Department.

CURRENT No. 2313



From The Superintendent
of Stationery
Madras

Order

b. A.

No. 1926

The five kinds of red ink prepared
according to the instructions given in
Enc No 2 (May 1898) are submitted in
the accompanying bottles.

129
31/8/98

Dated 20th August 1898

Received

Registered

Enclosures 2

Spare copies -

SUBJECT.

Submitting 5 samples of
red ink powder, received from
the Director General of Stores,
London, for trial and opinion.

The Superintendent of Stationery is
informed

BACK PAPERS.

FURTHER PAPERS.

No. Date.

No. Date.

No. 1191 Date. 20.3.88.

Chemical Examiner's Office,
Madras, 16th August 1898.

No. 375.

2 letters only

From

Surgeon-Major K.C. Sanjana, I.M.S.,
Ag. Chemical Examiner, Madras,

To

The Superintendent of Stationery,
Madras.

Sir,

With reference to your letter No. 1687 of 4th instant, I have the honour to report that Blackwood's red ink now in use in your Office is better than all other samples. Judging from the watery solutions of the samples Messrs Mordan and Co's red ink powder, B. Winston and Sons' scarlet powder and Lyons red ink powder appear to be a fair substitute for Blackwood's red ink in the order in which they are given. Fuchsine though it forms an ink capable of resisting the actions of many reagents, being thus even better than Blackwood's red ink, its colour is not so attractive as that of the other. The watery solution of the two Carmine powders makes a very faint red ink.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) K.C. Sanjana I.M.S.

Ag. Chemical Examiner.

True copy,

Frank. O. Bird

Assistant Superintendent
of Superintendent of Stationery.

Instructions for making Red Ink from the undermentioned powders.

Hopkins and Williams' Carmine. ✓

With the aid of heat dissolve 1 oz. of Carmine in 1 oz. of Liquor Ammoniae .830 ; this with added water will make 5 Imperial pints or more, according to the depth of colour required.

✓ Mordan's Red Ink Powder.

$\frac{1}{4}$ oz. will make 1 Imperial quart of Red Ink ; dissolve in cold water and stir well.

✓ Lyon's Red Ink Powder.

1 oz. will make 1 Imperial quart of Red Ink ; dissolved in cold water and stir well.

✓ Winstone and Sons' Carmine. ✓

60 grains will make 1 Imperial quart of Red Ink ; dissolve in hot water.

✓ Winstone and Sons' Scarlet Powder. ✓

60 grains will make 1 Imperial quart of Red Ink ; dissolve in cold water and stir well.

True copy,

Frank O. Bird

*for Assistant Superintendent
Superintendent of Stationery.*

Indor 4th 1st Fine C. H. 2

23/3/98

*del
23/3/98*

Stationery Office,

Madras, 20th August 1898.

No. 1926.

From

J.N. Atkinson Esquire, I.C.S.,

SUPERINTENDENT OF STATIONERY,

MADRAS,

To

The Hon'ble Mr. G. Stokes, I.C.S.,

Chief Secretary to Government,

Financial Department.

SIR,

I have the honour to forward herewith five samples of Red ink powder, as detailed in the margin, received from the Director General of Stores, London, for favour of trial and an expression of opinion as to how they compare with Fuchsine and Blackwood's red ink now in use in your department. A copy of instructions for making red ink from the marginally noted powders is also enclosed as well as a copy of a report on them by the Chemical Examiner. The favour of an early reply is solicited.

I have the honour to be,

Sir,

Your most obedient servant,

J.N. Atkinson

Superintendent of Stationery.

*
Messrs. Hopkins and
Williams Carmine
in 2 oz packets - - - 1.

Messrs. F. Mordant Co.
Red ink powder 1/4 oz
packets - - - 1.

Lyon's Ink Co. Red ink
powder in 1 oz tin - - - 1.

Messrs. B. Winstone & Sons
Carmine powder
1/4 oz. - - - 1.

Scarlet - - - 1.

* Sent Separately
by post.

Notes 4.2 to 4.11 c.
No. 2313 798

Jordan's Red. Jordan Red Ink.
Lonsdale's Carmine.
Lonsdale's Scarlet.
Lyon's Red.
Hopkins' Blue.

Jordan's Red. Jordan's Red.
Lonsdale's Scarlet.
Lyon's Red. Lyon's Red.

Ch. I should say this is now in use.
Jordan's red' in this best. Which it is no better than. Which now is best.

Lyon's red' is changed to

[G.]

NOTE FOR THE CHIEF SECRETARY.

Hopkins & Williams	Hopkins & Williams
Mordans Red	Mordans Red
Lyns Red	Lyns Red
Winstons Carmine	Winstons Carmine
Winstons Scarlet	Winstons Scarlet
Now in use	Now in use

C.No.2313

Memorandum *No 1921*
7-9-98

The Supt. of Stationery is in-
formed that of the samples forwarded
Mordan's red ink powder gives the best
results and that Lyon's red ink powder
is also good but that neither of the
samples is equal to the Blackwood's
red ink now in use.

To
The Supt. of Stationery (Q)

Cms
ms
9.2
7/9/98

Financial (1898) Department.

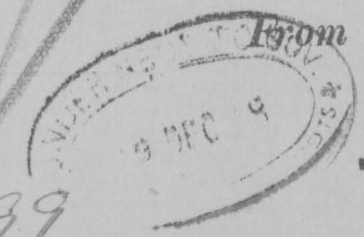
CURRENT No. 3796

soon

son

CS.
Order
Mrs

W.P. 12d 3-1-99



The Superintendent
of Stationery,
Madras

No. 3954

The action of the Superin-
tendent of Stationery is approved

Cms
22.12.98

W.P.

Super. of Stationery (9+9) Do. 3-1-99

Dated 17th December 1898

Received 19 } 12-1898

Registered 19 }

Enclosures —

Spare copies —

Ro
in put up

SUBJECT.

Put up
in 20
411
2296
Dec
20/12/98
Submitting for
orders the question of
the Supply of Messrs.
F. Mordan & Co's red
ink powder obtained
from the Director General
of Stores, India Office,
London.

BACK PAPERS.

G.O.	No.	Department.	Date.
Memo. 1921.	7. 9. 98		with in
" 411.	7. 7. 98		in
233	26. 4. 81		o. 6
2271	6. 12. 80		mi
1872	24. 9. 79		o. 6

FURTHER PAPERS.

G.O.	No.	Department.	Date.

500-6-7-98.

Urgent

Stationery Office,
Madras, 16th December, 1898.

No. 3754

28

From J. N. Atkinson Esquire, I.C.S.,

SUPERINTENDENT OF STATIONERY,

MADRAS,

To

The Chief Secretary to Government,
Financial Department,
Fort Saint George.

SIR,

With reference to Government Order No. 411 dated 7th July 1896, I have the honour to report that, with a view to obtain a suitable substitute for Fuchsine, samples of five kinds of red ink powder were obtained from the Director General of Stores, India Office, and forwarded to the marginally noted offices

Chemical Examiner, Madras,
Chief Secretary to Government,
Financial Department.
Secretary, Board of Revenue, Land
Revenue Department.
Accountant General.

for favour of trial and an expression of opinion. From the replies received it appears that the balance of opinion is in favour of the powder manufactured by

Messrs F. Mordan and Co. The ink has been found to give fairly satisfactory results and to be a suitable substitute for fuchsine, but its price appears to be quite prohibitive as it is nearly five times that of fuchsine. The substitution of it would entail an additional expenditure of about Rs 6500 per annum.

as we cannot afford to pay 5 times more.
Conf

2. I propose to inform the Director General of Stores accordingly and to request that, pending the result of further enquiries, fuchsine may be supplied as heretofore. But for its colour, Fuchsine

is,

is, in the opinion of the Chemical Examiner, Madras, even better than Blackwood's red ink in that it is capable of resisting the action of many reagents.

3. Some samples of red ink powder and of red ink were obtained from the Stationery Offices in Calcutta and Bombay more than two years ago but as they have deteriorated somewhat by being kept I have asked the Superintendents of Stationery to furnish me with fresh samples. On receipt, they will be forwarded to the Chemical Examiner for comparison with fuchsine and Blackwood's ink respectively.

4. As I have received several letters from the Director General of Stores in regard to the samples he sent to me, may I request the favour of early orders on this reference.

I have the honour to be,

Sir,

Your most obedient servant,

J. H. C. [Signature]

Superintendent of Stationery.

*Red
W. [Signature]*

When given for copying 3/1
When copied 3/1
When examined 3/1
When signed 3/1 } 1899

READ AGAIN G.O., No
189

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT.

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO

PAPER NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

A A A A A A A

N.B.—

A = Copy in full.
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