

Government of Madras.

EDUCATIONAL DEPARTMENT.

Recd.

Regd.

} 1916.

Enclosures

Spare copies

G.O. No. 610, 2nd June 1916

Dyeing Expert

Recording the report of the — for the quarter ending the 31st March 1916.

EDUCATIONAL DEPARTMENT.

Regd.

} 1916.

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G.O. No. 610, 2nd June 1916

Dyeing Expert

Recording the report of the — for the quarter ending the 31st March 1916.

GOVERNMENT OF MADRAS.
EDUCATIONAL DEPARTMENT.

Read—the following paper :—

Letter—from K. T. B. TRESSLER, Esq., Director of Industries, Madras.
To—the Secretary to Government, Educational Department.
Dated—the 24th May 1916.
No.—B-2.

I have the honour to submit the quarterly report of the Dyeing Expert for the last quarter of the official year 1915-16.

ENCLOSURE.

Letter—from Dr. F. MARSDEN, Dyeing Expert to the Government of Madras.
To—the Secretary to Government, Educational Department (through the Director of Industries, Madras).
Dated—Madras, the 20th May 1916.

In the matter of the quarterly report of the Dyeing Expert for the period January—March 1916, I have the honour to inform you that owing no doubt to the shortage of dyes the enquiries and requests for information from dyers showed a great falling off. There were one or two enquiries for substitutes for use in non-textile processes, but in the main interest was centred in the results of the investigation which had been carried out at Bangalore upon certain indigenous dyeing materials and requests for recipes for working these. The information was supplied in cases where, as for black dyeing with tannin and iron, the materials were obtainable and the process simple, but as was to be expected there was a demand for the bright red given by Alizarine and this of course is out of the question.

It is interesting to note that one correspondent had tried Chay root and other indigenous red dyeing materials and came to the conclusion I have already reported, that these materials are too costly and troublesome to give any hope of their competing with Alizarine. He forwarded me samples of dyed yarn, showing that with 5 per cent Alizarine he obtained a result which could not be obtained with 100 per cent Chay root and the brightness of the shade could not be compared with that of Alizarine.

The adulteration (for it can be designated by no other term) of imported Aniline reds with Ochre and admixture of water to look like Alizarine paste is still going on, but whether the merchants who have approached me on the matter are doing any business I cannot say, as I have not met any dyer who is using the product. A red Ochre which gives a black colour with tannin matters is said to be in use in some mills in the North of India, but from a sample I received for examination I could only characterise it as another "swindle" product and that better results at a less cost could be obtained by using sulphate of iron.

So long as there are ignorant prejudiced people in any trade, so long will there be suppliers who will trade upon their ignorance and prejudice, and one dyer I met insisted that a mixture he had purchased must be good because he had got it from an Indian trader, although neither he nor I could obtain the effects which were claimed for it.

During the greater part of the period under review I was engaged under the orders of the Director of Industries upon the question of pulp for paper-making. I visited the Titagarh Mills at Calcutta to gather information as to the question of pulp-making from bamboo, in which question they have a good deal of experience, and then proceeded to Punalur, Travancore, to superintend the work there. The Mill has been cleaned up but the machinery and fittings have required a lot of attention and breakdowns and replacements have followed one another too frequently to be pleasant. However we are approaching a stage when the weak parts will have been dealt with and we can hope to attain to a steady, regular production, whether it be of pulp or common paper and then be able to test the suitability of the various materials available.

Order—No. 610, Educational, dated 2nd June 1916.

Recorded.

(True Extract.)

P. RAJAGOPALA ACHARIYAR,
Secretary to Government.

To the Director of Industries,
Editors' Table.

NOTES CONNECTED WITH G.O. No. 610, EDUCATIONAL,
DATED 2ND JUNE 1916.

[SUBJECT.—Quarterly report of Dr. Marsden, the Dyeing Expert.]

From the Director of Industries, No. B-2, dated 24th May 1916.

A draft order recording the report is submitted for approval. It is for orders whether as usual it may be placed on Editors' Table. Dr. Marsden was engaged practically in the paper-pulp experiment during the period in question.

Yes.

P.R.—30-5-16.

S.K.—29-5-16.

C.R.—29-5-16.

P. RAJAGOPALA ACHARIYAR—30-5-16.

P[ENTLAND]—31-5-16.

Issue.

P.R.—1-6-16.

[G.O. No. 610, Educational, dated 2nd June 1916.]

” ” ” ” ” 191

C. No. 1843 From the D.I., No. 82, dated 24.5.1916

" " " " , " , " 191

ORDER.

No. _____, dated _____ 191 _____.

Recorded

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[P.T.O.]

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Supdt.

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SPECIAL INSTRUCTIONS.

Dyeing Expert

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for the quarter ending the
31st March 1916*

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