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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	338	-Press
B.P. No.		Mis.
Dated	2.3.1875	-196

Not to be folded or roughly handled

No. 20. Read the following Proceedings of the Board of Revenue, dated 5th February 1875, No. 264 :—

THE following Hydrometers have been received :—

2. Fifty Sykes' Hydrometers, glass, each in five parts, with fifty books of tables. Price in England £4-10-0 each. (The Thermometer belonging to one of them is broken).

Twelve Gay-Lussac's Alcoholometers. Price in England 8s. 6d. each.

One hundred Glass "Casella's" Hydrometers with 100 "Notes" which show how the readings are to be corrected to accord with those of Sykes' Hydrometers. Price in England 20s. each. (The Thermometer belonging to one of them is broken).

3. The cases with the broken Thermometers will be sent to the Public Works Stores with the request that the Thermometers may be re-placed if possible.

4. The Board do not think any use can be made of the Alcoholometers at present.

5. The other instruments seem to be completely adapted to the circumstances of the country. They will be distributed to all excise districts with the request that the simpler form (Casella's) may be used generally, and that the Sykes' Hydrometers may be kept in reserve, treated with the greatest care, and used on special occasions only. With regard to these latter, attention is called to the fact that the Tables speak of *placing weights on the stem* as is done with the usual form of the instrument, but no weights are used with this form.

6. A few of the "Casella's" Hydrometers will be distributed to all Collectors. The "Notes", which will be sent with each instrument, must be carefully preserved. It is a most convenient instrument, but it is too elaborate, and the price is too great for it to be used generally as set forth in Board's Proceedings, dated 7th January 1875, No. 34, paragraph 9. The Hydrometer which will exactly suit the required purpose has been made by F. Horne and Thornwaite, 122 and 123 Newgate St., London, and supplied to Messrs. Minchin and Co. of Aska. It is graduated to a temperature of 80° F., but this should be changed to 85°. The English price is 4s. each, and the importing charges are said to amount to 1s. each, so that they can be supplied to Arrack renters for about Rupees 2-8-0 each. The number of liquor shops in the Presidency is about 23,700. Some of these shops sell Toddy exclusively, and some will not require Hydrometers, because, when shops are grouped together, one will do for several; but the Board think it necessary, considering the probability of breakages, etc., that 24,000 should be ordered. An indent for that number will be submitted to Government for sanction. The cost will be great, but it is necessary if the most important part of the Abkari improvements recently sanctioned is to be carried out, and it will be repaid to Government as the Renters purchase the instruments.

*Proceedings of the Madras Government, Revenue Department,
2nd March 1875.*

The Hydrometers referred to in paragraphs 5 and 6 will be distributed as follows:—

Sykes' with Tables.		Casella's with Notes.		Sykes' with Tables.		Casella's with Notes.	
Ganjam	1	2	South Arcot	1	2		
Vizagapatam	1	2	Tanjore	0	3		
Godavery	0	3	Trichinopoly	1	2		
Kistna	0	3	Madura	0	3		
Nellore	1	2	Tinnevely	0	3		
Cuddapah	0	3	Coimbatore	0	3		
Bellary	1	2	Nilgiris	1	2		
Kurnool	0	3	Salem	1	2		
Madras	1	2	South Canara	0	3		
Chingleput	1	2	Malabar	0	3		
North Arcot	1	3					
				11	53		

(A true Extract.)

(Signed) H. E. STOKES,
Acting Secretary.

No. 21.

ORDER THEREON, 2nd March 1875, No. 338.

Separate Revenue, No. 5.

Abkari.

THE indent received with the foregoing Proceedings will be forwarded to the Government of India for transmission to the Secretary of State. The specimen Hydrometer will also be sent.

2. The Board will be requested to submit future indents in quadruplicate; the fourth copy being required for record in this Office.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

To the Board of Revenue.

Erd. F. R. Bantleman.

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2

No. 264.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 5th February 1875.

The following Hydrometers have been received—

2. Fifty Sykes' Hydrometers, glass, each in ^{five} ~~four~~ parts, with fifty books of tables. Price in England £4-10-0 each. (The Thermometer belonging to one of them is broken).

Twelve Gay-Lussac's Alcoholometers. Price in England 8s. 6d. each.

One hundred Glass "Casella's" Hydrometers with 100 "Notes" which show how the readings are to be corrected to accord with those of Sykes' Hydrometers. Price in England 20s. each. (The Thermometer belonging to one of them is broken).

3. The cases with the broken Thermometers will be sent to the Public Works Stores with the request that the Thermometers may be re-placed if possible.

4. The Board do not think any use can be made of the Alcoholometers at present.

5. The other instruments seem to be completely adapted to the circumstances of the country. They will be distributed to all excise districts with the request that the simpler form (Casella's) may be used generally, and that the Sykes' Hydrometers may be kept in reserve, treated with the greatest care, and used on special occasions only. With regard to these latter, attention is called to the fact that the Tables speak of *placing weights on the stem* as is done with the usual form of the instrument, but no weights are used with this form.

6. A few of the "Casella's" Hydrometers will be distributed to all Collectors. The "Notes" which will be sent with each instrument, must be carefully preserved. It is a most convenient instrument, but it is too elaborate, and the price is too great for it to be used generally as set forth in Board's Proceedings, dated 7th January 1875, No. 34, paragraph 9. The Hydrometer which will exactly suit the required purpose has been made by F. Horne and Thornthwaite, 122 and 123 Newgate St., London, and supplied to Messrs. Minchin and Co. of Aska. It is graduated to a temperature of 80° F. but this should be changed to 85°. The English price is 4s. each, and the importing charges are said to amount to 1s. each so that they can be supplied to Arrack renters for about Rupees 2-8-0 each. The number of liquor shops in the Presidency is about 23,700. Some of these shops sell Toddy exclusively and some will not require Hydrometers because, when shops are grouped together, one will do for several, but the Board think it necessary considering the probability of breakages, etc., that 24,000 should be ordered. An indent for that number will be submitted to Government for sanction. The cost will be great, but it is necessary if the most important part of the Abkari improvements recently sanctioned is to be carried out, and it will be repaid to Government as the Renters purchase the instruments.

Cont. of 11875 Madras.

REVENUE.

THE BOARD OF REVENUE.

Dated March 2nd.

Read.

Read.

G. O., 2nd March 1875, No. 338.

MARCH.
Nos. 20-21.

Horne and Thornthwaite's Glass Hydrometers.—
Resolving to forward to the Government of India,
for transmission to the Secretary of State, indent
for 24,000 — for sale to Arrack renters in the
Madras Presidency

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 2^d March 1875.

Read the following Proceedings of the Board of Revenue

Submitting for sanction an Indent for 24,000 of J. Horne & Thornthwaite's Hydrometers for sale to Arrack renters of the Madras Presidency &c

H. E. 5 February 1875. No. 264.

The Indent received with the foregoing Proceedings will be forwarded to the Government of India for transmission to the Secretary of State. The specimen Hydrometer will also be sent.

The Board will be requested to submit future Indents in quadruplicate; the fourth copy being required for record in this Office.

[Signature]

144 To the Board of Revenue
21.3.75
40/3

[Signature]

The Hydrometers referred to in paragraphs 5 and 6 will be distributed as follows:—

	Sykes' with Tables.	Casella's with Notes.		Sykes' with Tables.	Casella's with Notes.
Ganjam ...	1	2	South Arcot ...	1	2
Vizagapatam ...	1	2	Tanjore ..	0	3
Godavery ...	0	3	Trichinopoly ...	1	2
Kistna ...	0	3	Madura ...	0	3
Nellore ...	1	2	Tinnevely... ..	0	3
Cuddapah ...	0	3	Coimbatore ...	0	3
Bellary ...	1	2	Nilgiris ...	1	2
Kurnool ...	0	3	Salem ...	1	2
Madras ...	1	2	South Canara ...	0	3
Chingleput ...	1	2	Malabar ...	0	3
North Arcot ...	1	3			
				11	53

(A true Extract.)

H. E. 5

Acting Secretary.

To the Acting Secretary to Government, Revenue Department, with Indent in triplicate & specimen Hydrometers.
,, all Collectors with Hydrometers

Exd. G. A. Turton.

BOARD of REVENUE,
MADRAS.

Received 1875. 26 Feb

No 618

PROCEEDINGS, 5TH FEBRUARY 1875, No. 264.

Copy 108 Feb 1/5

Received 19 Feb 1/5

Copy 108 Feb 1/5

FEBRUARY.
No. 264.

Sykes' Hydrometers and Casella's Hydrometers—lately received from England, distributed to all Collectors with instructions as to their use.—Cases of broken Hydrometers forwarded to Public Works Stores with request they may be re-placed if possible.—An indent for 24,000 of J. Horne and Thornthwaite's Hydrometers for sale to all Arrack renters of the Presidency, submitted for sanction of Government.

15 Feb 1/5
13 Feb 1/5
20 Feb 1/5
15 Feb 1/5

23 Feb 1/5

027 266/11 12 1st March 75

90
 Indent for Hy-
 drometers -

See
 2007

Indent on Her Majesty's Secretary of State for India.

Names of Establish- ment	No. of ed. pro- portion	No. of ed. pro- portion	Quantity Number of No. of No. of	Value of quantity due on pro- portion	Remarks
Glass Hydrometers.	"	"	24, 000 in number	L. A. D. C. L. A. D. C. L. A. D. C.	<p>A glass Hydrometer suited to 85° F and having every two degrees below Proof from Proof to 60° W. P. marked on the stem. The instrument must be wrapped in a bag of packing or some such material and the whole enclosed in a cylindrical card board case.</p> <p>The instruments are made by Horn and Thornthwaite 122 & 123 Newgate Street London, for 4 shillings each, and a specimen is sent with proof. It is essential that the cost (four shillings) should not be exceeded.</p>

Revenue Board Office
 Madras.
 1st February 1875.

per L. A. D. C.
 Ag. Secretary.

Charles W. Peabody.
2 March 175 No 338