# Revenue (1897) Department.

PRESS SERIES.

G.O., Nos 228- 228A

DATED 15 April

[Despatch Abstract.]

*Pig iron.*

*Requesting the Board of Revenue to communicate with Mr. Collyer and to institute such further enquiries as may be necessary for the verification of the correspondent's opinion contained in his memorandum on the possibility of producing pig iron of the best quality in the Salem District at a cost of from Rs. 20 to Rs. 25 per ton delivered at the furnace.*

## BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
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## FURTHER PAPERS.

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| G No 3772/97 | | | | | | | |

# Revenue (189 7 ) Department.

CURRENT No. 1302.

Hon. Mr. Lowe. C18-

Rec'd from Govt. 15 MAR 97

Rec'd

Order Rec'd

Recorded.

Chowdry of the Board to inspected & investigate the matter fully. If Mr Collyer's statements are true; or approximately so Salem iron ores may be a valuable addition to the resources of the Presidency.

D.O. 9.3.97

Mr Smith to Mr Lowe. Inviting attention to Mr Collyer's letter No 228 dated 19-1-97 forwarded by the Board of Revenue with their remarks and to ascertain whether Government desire that such further enquiries as may be necessary for the verification of Mr Collyer's statements and expression of opinion contained in his letter should be made.

From The Board of Revenue, Land Revenue, Madras.

Memo No. 886 Misc. 30-3

Dated 4th March 1897.

Received 13th

Registered 15th

Enclosures 2

Spare copies

P.T.O. Rec'd 5/4/97

To the Govt. of Fort St. George (Public)

## SUBJECT.

Submitting to Govt. in continuation of B.P.No.24, d/ 19-1-97 with Boards remark letter from the Collector of Salem forwarding the Memo of Mr.C. E.Collyer on the Iron ores of India & the prospects of working them profitably to complete advantageously with imported iron.

C. 261 97

Ltr 4 Feb 97 D.

O.C.No. 2947

Encl. no 228A.

Copy to the Govt of India in
continuation of letter no 222 dated 30 March 97

2

## BACK PAPERS.

| G.O. | No. | Department. | Date. |
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## FURTHER PAPERS.

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30/

Memo on the Iron ores of India and the prospects of working them profitably to compete advantageously with Imported Iron.

:::::::: O ::::::::

Recent investigations into the ~~Final~~ Final question in some of the more remote Iron fields of Europe, have led to important results-And it is now found that smelting can be most economically carried on, and with advantage to the quality of the Iron or Steel produced-by various processes by gaseous Fuel; and a Specially rich fixed gas, made by a new system known as "Sanders Patent Gas system" is the most suitable gas for the purpose-the power of this gas when properly applied being greater than any other.

This gas is made by a very simple, almost Automatic plant, at a low cost from the cheapest crude oil, and even where solid fuel is plentiful, can be used to advantage-and from being entirely free from any trace of sulphur or sulphuro compounds a better quality of Steel can be produced direc from the crude ore, than can be obtained by the use of an solid fuel: the cost of steel by this system being little y of any) more than the cost of Pig Iron by the ordinary methods.

This gas is a <u>safe</u> gas-perfectly und control, and being <u>non</u> poisonous, workmen run no risk with it-wh as Coal gas, and Producer or water gases are very dangerous to the work people, and are liable to explode: there is no unpleasant smell either in the making or use of this gas.

This gas has also this great advantage, that it can be equally well used for Lighting, for driving Engines Stationary or Locomotive-also for heating Steam Boilers in fact-will alone supply all the Light, motive power and heat required for Works of any size-as also for Lighting Towns of any siz Houses Etc.Etc., within any accessible distance-in every case Light for Light, Power for Power or Heat for Heat, cheaper a better than by any other means-and requires no skilled la beyond an ordinary gas fitter-

Stokers was an agricultural labourer who had

Md.P.H.

training.

The supply of crude oil in any required quantity is assured by the very large and steady production of oil in the large Petroleum fields in the East-notably in Burmah and Sumatra.Price is very largely a question of transport.In tank Steamer loads with proper facilities for quick discharge into tanks(in Madras)-the price would not exceed the present cost of Russian oil delivered in England.

Wherever Iron can be transported to a shipping port-Oil can be conveyed from that port to the Iron works-the weight being less than one sixth that of the Iron produced.

Ample and satisfactory proofs have been obtained in reference to the lighting value of this gas-and measures are being taken to get further proofs of the Heating-and Power values-Scientifically vouched-with as little delay as possible.

Sufficient however is already known from actual trials-to justify the claims herein stated and taking as a basis,the information printed in the Fort Saint George Gazette-Supplement of 15th December last-I am firmly of opinion that Pig Iron of the best quality can be produced at a cost of from 20 to 25 Rs. at the works from Ore of 50 to 60 %)-that is at some where about one half the cost of producing the same by solid Fuel.

/signed/ C.E. Collyer

4th February 1897 155 Fenchurch Street

London

/True Copy/

/signed/ P. Ganapati Aiyar

for Collector.

/True Copy/

Ldtswamikannu

12 MAR 1897

Asst Secretary.

R.H.

2,000

8,000
10-12-96.

REVENUE BOARD OFFICE. MADRAS.

# Proceedings of the Board of Revenue

(Land Revenue).

No.886 Misc.,dated 9th March 1897.

Read letter from C.H.Mounsey,Esquire,Ag.Collector of Salem, to the Secretary to the Commissioners of Land Revenue,Madras, No.896,dated 24th February 1897.

Resolution

Submitted to Government in continuation of Board's Proceedings No.24,dated 19th January 1897.

2. The information furnished in the Memo is too vague to permit of the Board criticising Mr.Collyer's strongly expressed opinion to the effect that,with the gaseous fuel in question,Pig Iron of the best quality could be produced in the Salem district at a cost of from Rs.20 to Rs.25 per ton.

(True Extract)

Secretary.

To

The Secretary to Government,Revenue Department,with copy of the Memo & the copy of the Collector's letter.

Copy to the Collector of Salem.

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# Board of Revenue

(Land Revenue),

**MADRAS.**

*To*

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*Subject.*

Camp Mallur:Salem Collector's Office,

No. 896. 24th February 1897.

From

C.H.Mounsey,Esquire,

Ag.Collector of Salem.

To

The Secretary to the Commissioners of

Land Revenue,Madras.

Sir,

In reference to a conversation I had at Hom with Mr.C.E.Collyer,who recently wrote to the Madras Mail about the development of Salem Iron ores and in reference the inquiry now going on in regard to the production of charcoal to work these ores,I have the honor to submit a copy of a Memo on the subject from Mr.Collyer for the information of the Board and if necessary,of Government.

I have the honor to be

Sir,

Your most obedient servant,

/signed/ C.H.Mounsey

Collector.

/True Copy/

Secretary.

Md.R.H.

# Government {1897} of Madras.

## REVENUE.

*Recd.* } 1897. *Enclosures*

*Regd.* } *Spare copies*

**G.O., Nos. 228, 228A, 1st April 1897.**

## APRIL.

### Pig iron.

Requesting the Board of Revenue to communicate with Mr. Collyer and to institute such further inquiries as may be necessary for the verification of the expression of opinion contained in his memorandum on the possibility of producing — of the best quality in the Salem district at a cost of from Rs. 20 to Rs. 25 per ton with gaseous fuel.

First copy sent to Press.

Returned for signature.

Despatched in print.

NUMBER OF COPIES REQUIRED. { Order complete. / Letter only. / Order complete with Letter.

SEND AGAIN G.O., No. 180 , DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT

STATEMENT WITH DITTO.

PAPERS NOT FILED BY BEING SENT FOR DESPATCH IN ORIGINAL.

N.B.—

A = Print in full.
B = Not to be printed.
F = Print abstract only.
G = Print heading only.