

- (1) பக்கங்கலின் எண்ணிக்கை 18
 (2) புதுக்கித் திருப்பிய நாள் 4/88
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பெரியபாளையம் துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	923	அச்சகம் பலவகை
நாள் :	21-3-1890	198

மடிக்கலோ கண்டபடி கையாளலோ கூடாது

ஆவண. கர-1-18,000-18-8-87.

A. d. d.

923
21st MARCH 1890, No. 923 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

From A. A. JOPP, Esq., Director-General of Stores, to the Secretary to the Government of Madras, Public Works Department, dated India Office, Whitehall, S.W., 28th February 1890, No. S-2628.

With reference to a demand for two Cornish steam boilers, included in the indent for stores for Madras Harbour Works, forwarded with your letter No. 1653 W., dated 24th June 1889, I have the honor to forward copies of two letters from Messrs. Stothert and Pitt, the manufacturers of the boilers, and a copy of a report from the Consulting Engineer to this office, from which it will be seen that it has not been practicable to test the boilers in steam in the usual manner.

2. In these circumstances, Messrs. Stothert and Pitt have given a guarantee, on the conditions specified in the correspondence, that they will refund the cost of making good any defects which may arise in the boilers from defective workmanship or materials. I shall, therefore, be obliged if you will cause me to be furnished with a report on the boilers, after they have been tried under steam, in accordance with the provisions of the guarantee.

ENCLOSURES.

Copy Report by the Consulting Engineer, dated 22nd February 1890.

I send herewith certificates for contract No. G. 42—197.

As it has proved impossible to test these boilers in steam, I have thought it advisable to obtain from the contractors the guarantee which I enclose herewith and in which they agree to refund "the cost of making good any defects which may arise in the boilers from defective workmanship or materials, their responsibility for this to extend over a period of 14 days from the setting to work of each of the boilers, the boilers not being worked at a higher pressure than 60 lb. per square inch and being properly set and stoked." I also enclose a letter, dated the 18th instant, from the contractors stating that the working pressure of the boilers should be 50 lb. and not 60 as given in their letter of the 10th instant, and asking me to make the necessary correction. It is advisable that the authorities in India should be informed of the nature of this guarantee so that the cost of making good any defects disclosed when the boiler is under steam may be recovered from the contractors.

From P. K. STOTHERT, Esq., Managing Director (per pro. Stothert and Pitt, Limited), to Sir A. M. RENDEL, 8, Great George Street, dated Bath, 10th February 1890.
Contract G. 42-197.

With reference to the interview between Mr. Rendel and the writer on Saturday last, in which we pointed out the difficulty of steaming the boilers under pressure in our works, we are prepared, in lieu of this, to accept the responsibility of refunding the cost of making good any defects which may arise in the boilers from defective workmanship or materials, our responsibility for this to extend over a period of 14 days from the setting to work of each of the boilers, the boilers not being worked at a higher pressure than 60 lb. per square inch, and being properly set and stoked.

2. We will carefully look through the original correspondence and see if we have any definite data as to the pressure at which the old boilers were to be worked.

21ST MARCH 1890, No. 923 W., PUBLIC WORKS.

From W. PITT, Esq., Managing Director, to Sir A. M. RENDEL, 8, Great George Street,
S.W., dated Bath, 18th February 1890.
Contract G. 42-197.

Madras Harbour Works.

As promised by our Mr. P. K. Stothert to Mr. Rendel, we have had a further search through our old firm's books, and are glad to say that we have found in one of them the missing data as to the pressure for the boilers. We find that the hydraulic test is clearly stated as 100 lb. per $\square$ ", and the working pressure as 50 lb., not 60 lb. as we had believed.

2. We think therefore it would be advisable not to work the boilers above what they were originally designed for, as the scantlings have not been altered.

3. As, however, we have now tested them to 120 lb., the error has been on the safe side. As we have now ascertained the correct pressure, we will ask you to kindly alter the terms of our letter of February 10th to 50 lb. per $\square$ " instead of 60 lb.

4. We are sorry that there has been some little trouble in hunting up the old data about these boilers, but it is all contained in the old firm's books of 15 years ago when the business was in the hands of our predecessors.

P.S.—We are sending you by parcel's post tracings in triplicate of the drawings of the boilers, and duplicate prints of the photograph. We will send you a third of the latter as soon as the photographer sends in a further supply of prints.

ORDER—dated 21st March 1890, No. 923 W., Public Works.

Communicated to the Chairman, Madras Harbour Trust Board, who will in due course submit the report called for.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Chairman, Madras Harbour Trust Board.
„ Marine Department.

Exd. P. L. Pereira.
Spare Copies

923
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GENERAL.
ACCOUNT.

Govt. of Madras.
PUBLIC WORKS.

Dated March, 21st.

Recd.

Encl.

G.O., 21st Mar. 1890, No. 923 W.

MARCH.

**Cornish Steam Boilers for the
Madras Harbour Works**

Letter from the Director-General of Stores forwarding correspondence regarding the impracticability of testing the boilers in steam, and requesting to be furnished with a report on the — after they have been tried under steam, communicated to the Chairman, Madras Harbour Trust Board.

S. 2628/90

23/4

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Copy Report by the Consulting Engineer, dated 22nd February 1890.

I send herewith certificates for Contract No. G 42-197

As it has proved impossible to test these boilers in steam I have thought it advisable to obtain from the Contractors the guarantee which I enclose herewith and in which they agree to refund "the cost of making good any defects which may arise in the boilers from defective workmanship or materials, their responsibility for this to extend over a period of 14 days from the setting to work of each of the Boilers, the Boilers not being worked at a higher pressure than 80 lbs. per square inch and being properly set and stoked." I also enclose a letter dated the 18th Inst. from the Contractors stating that the working pressure of the boilers should be 50 lbs. and not 80 as given in their letter of the 10th Inst. and asking me to make the necessary correction- It is advisable that the authorities in India should be informed of the nature of this Guarantee so that the cost of making good any defects disclosed when the boiler is under steam may be recovered from the Contractors.

S. 2628/90

923
BATH February 10th 1890.

Sir A.M. Rendel
8, Great George St.

Dear Sir,

Contract G 42. 197.

With reference to the interview between Mr. Rendel and the writer on Saturday last, in which we pointed out the difficulty of steaming the Boilers under pressure in our works, we are prepared, in lieu of this, to accept the responsibility of refunding the cost of making good any defects which may arise in the Boilers from defective workmanship or materials, our responsibility for this to extend over a period of 14 days from the setting to work of each of the boilers, the boilers not being worked at a higher pressure than 60 lbs per square inch, and being properly set and stoked.

We will carefully look through the original correspondence and see if we have any definite data as to the pressure at which the old boilers were to be worked.

Your &c.,

[sd] Percy K. Stothert.

Managing Director.

Per Pro Stothert and Pitt. Ltd.

S. 2628/90

923
16

45

BATH

February 18th 1890.

Sir A.M. Rendel

8, Great George St. S.W.

Contract G 42. 197.

Madras H. Wks.

Dear Sir,

As promised by our Mr. P.K. Stothert to Mr. Rendel, we have had a further search through our old firm's books, and are glad to say that we have found in one of them the missing data as to the pressure for the boilers. We find that the hydraulic test is clearly stated as 100 lbs per $\square$ ", and the working pressure as 50 lbs., not 30 lbs as we had believed.

We think therefore it would be advisable not to work the boilers above what they were originally designed for, as the scantlings have not been altered.

As, however, we have now tested them to 120 lbs, the error has been on the safe side. As we have now ascertained the correct pressure, we will ask you to kindly alter the terms of our letter of Feby. 10th to 50 lbs per $\square$ " instead of 30 lbs.

We are sorry that there has been some little trouble in hunting up the old data about these boilers, but it is all contained in the old firm's books of 15 years ago when the business was in the hands of our predecessors.

We are &c.,

[sd] Walter Pitt Managing Director

923/7
P.S.

We are sending you by parcel's post tracings in triplicate of the drawings of the boilers, and duplicate prints of the photograph. We will send you a third of the latter as soon as the photographer sends in a further supply of prints.

It is requested that in any further communication on this subject the under-mentioned letters and number may be quoted, and the reply addressed to

The Director General of Stores,
India Office,
Whitehall,
S.W.

S 2628.

India Office,

Whitehall, S.W.

28th February 1890.



Sir,

With reference to a demand for two Cornish steam boilers, included in the indent for stores for Madras Harbour Works, forwarded with your letter No. 1653 W dated 24th June 1889, I have the honor to forward copies of two letters from Messrs. Stothert and Pitt, the manufacturers of the boilers, and a copy of a report from the Consulting Engineer to this Office, from which it will be seen that it has not been practicable to test the boilers in steam in the usual manner.

In these circumstances, Messrs. Stothert and Pitt have given a guarantee, on the conditions specified in the correspondence, that they will refund the cost of making good any defects which may arise in the boilers from defective workmanship or materials. I shall, therefore, be obliged if you will cause me to be furnished with a report on the boilers, after they have been tried under steam, in accordance with the provisions of the guarantee.

I have the honour to be, Sir,

Your obedient Servant,

The Secretary

to the Government of Madras,
Public Works Department.

A. J. P.
Director General of Stores.

P.W.C. No. 2826

No. 1652-3-454/24-6-89

Genl
Fed.
Rd 19-3-90
Enc 3

No. 923 W of March 21, 1890

A / Les
Comar

Communicated to
the Chairman Madras
Harbours Trust Board,
who will in due course
submit the report
called for.

W.W.V.
19.3.90

Queda
19.2.80

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The Chairman M.H. of Bd
Marine de Bd

Mar. 19-3-90 R21-3-90

W. H. H. H.

2826.

Govt. of Madras

PUBLIC WORKS.

22/3

Date

Recd.

Encl.

cc. 21st March 1870 9203 W.

Cornish Steam Boilers
for the M H Mills.

Letter from the District Engineer
of Colours fords. Correspondence
regarding the impracticability
of testing the boilers in steam
trials to be furnished with
a report on the — after
they have been tried under
steam, can be to the Chairman
M H I Board.

20/3

cc. 21st March 1870