

COPY

Floyd's Register of Shipping.

MEIKAI BUILDING

32, AKASHI-MACHI,

KOBE.

6th February 1933.

CERT. No. 3389.

THIS IS TO CERTIFY that at the request of
Messrs. Osaka Iron Works, Ltd., Sakurajima Yard, Osaka,
the open hearth mild steel Boiler quality Plates & Butt Straps made to the order of
Vereinigte Stahlwerke A.G. Stahl und Walzwerke, Thyssen, Mulheim Ruhr,
and intended for Harima S.S. & Eng. Co. No. 189 Air were inspected and tested at their
Receiver
works on the 3rd and 4th February 1933.

Samples taken from this material were subjected to the tensile, and bend tests prescribed by
the Rules of this Society for Boiler material with satisfactory results.

For identification of material see signed invoice attached hereto.

RESULTS OF TESTS

TEST MARK	DESCRIPTION AND DIMENSION	Thickness.	Breadth	Area	Total Tons	Tons per square inch	Extension in 8 ins. %	Bend.
1	Shell plate 30x3'7"x18'5 1/2"	1.169	0.615	0.719	46640	28.9	23.125	Good
2	Butt Strap 25m.m.x9'6"x6'7"	1.005	0.615	0.618	39970	28.8	25.000	"
3	Butt Strap 28m.m.x9'6"x6'7"	1.089	0.621	0.676	46560	30.7	23.750	"
4	Shell plate 30m.m.x9'10"x17'10"	1.171	0.505	0.707	45530	28.7	24.375	"
5	Shell plate. 30m.m.x9'10"x17'10"	1.184	0.605	0.714	46230	28.9	25.000	"
6	" " "	1.165	0.608	0.708	45980	29.0	24.375	"
7	" " "	1.172	0.606	0.720	45290	28.0	24.38	"
8	End Plate. 32m.m.x7'10"x7'10"	1.259	0.614	0.769	46510	26.76	26.25	"
9	" " "	1.266	0.618	0.784	46060	26.35	26.25	"
10	" " "	1.262	0.614	0.769	46910	27.2	24.38	"
11	" " "	1.268	0.617	0.787	47650	26.9	24.38	"
12	Manhole Stiffener plate. 30m.m.x3'4"x6'1"	1.169	0.610	0.714	42220	26.4	26.88	"

Fee Yen 120:00

Expenses " 18:00

Including
cert. No. 3390.

(continued).

Ad. Earnett

Surveyor to Floyd's Register.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society or for any error of judgment, default, or negligence of the Surveyors, other Officers or Agents of the Society."

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6th February 1933.

Vereinigte Stahlwerke A.G. Stahl und Walzwerke, Thyssen, Mulheim.
Pühr.
Harima S.B. & Eng. Co. No. 189 Air Receiver.

TEST	DESCRIPTION AND									
MARK	DIMENSION									
13	Manhole cover. 40m.m.x2'11"x1'-10"	.545	0.525	0.821	50210	27.3	23.13	Good		

9 - THE END -

L. H. Garnett



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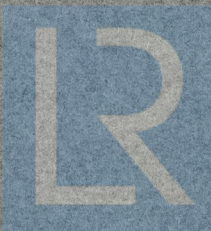
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