

COPY
Lloyd's Register of Shipping.

MEIKAI BUILDING

32, AKASHI-MACHI,

KOBE.

6th February 1933.

CERT. No. 3390.

THIS IS TO CERTIFY that at the request of
 Messrs. Osaka Iron Works, Ltd., Sakurajima Yard, Osaka,
 the open hearth mild steel Boiler quality Rivet Bars made to the order of
 Vereinigte Stahlwerke A.G. Stahl und Walzwerke Thyssen, Mulheim Ruhr,
 and intended for Harima S.B. & Eng. Co. No. 189, Air receiver were inspected and tested at their
 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 No.	ITEM NO. DIMENSIONS	TEST NO.	CHARGE MARK.	NO. OF PIECES	THICKNESS. INCHES.	BREADTH. INCH.	AREA	TOTAL TONS.	TONS PER SQUARE INCH	EXTENSION AT 8 IBS. %	BEND.
1	34m/m dia. x 740' 0"	"	"	47	.564	0.250	14670	26.2	33.3	"	Good
2	"	"	"	47	.564	0.250	14680	26.2	32.2	"	"
3	"	"	"	47	.564	0.250	14720	26.2	31.1	"	"
4	"	"	"	47	.564	0.250	14740	26.3	31.1	"	"
5	30 m/m dia. x 320' 0"	"	"	20	.562	0.248	14690	26.4	30.0	"	"
6	"	"	"	20	.564	0.250	14720	26.2	31.1	"	"

- THE END -

Fee See Cert. No. 3389.
 Yen

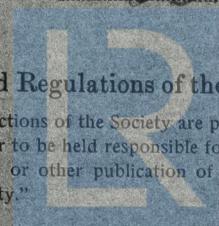
Expenses ,

H. Gamoth

Surveyor to Lloyd'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."



GOBY

Molding & Manufacturer of Slipper.

MEIKAI BUILDING

35 AKASAKA-MACHI

KOBE.

669 TATEKAWA-CHO

CERT. NO. 3300

THIS IS TO CERTIFY that at the request of

Mr. H. C. G. M. D. S. (H. C. G. M. D. S.) who is a member of the Society,

the above paper may be used for the purpose of

and intended for the purpose of the above paper.

whereas the above paper was issued by the Society,

more on the above paper was issued by the Society,

samples taken from this material were supplied to the Society, and being described as

material with satisfactory texture.

For information of material see figure number given below.

RESULTS OF TESTS

Part	Length in cm.	Width in cm.	Thickness in mm.	Shrinkage in mm.	Total Loss	Area mm ²	Gross Weight g.	Net Weight g.	Gross Density g./cm ³	Net Density g./cm ³	Type of Test	Results	
												Extraction	Per cent
1	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
2	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
3	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
4	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
5	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
6	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
7	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
8	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
9	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
10	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
11	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
12	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
13	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
14	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
15	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
16	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
17	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
18	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
19	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
20	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
21	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
22	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
23	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
24	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
25	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
26	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
27	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
28	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
29	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
30	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
31	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
32	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
33	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
34	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
35	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
36	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
37	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
38	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
39	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
40	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
41	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
"	22.5	8.0	0.20	0.20	0.20	180	1.20	0.90	0.67	0.50	1	30.0	15.0
42	22.5	8.0	0.20	0.20</									