

Shapling for  
 Mike'san Mani  
 Kobe Rep No 1823

Kobe,

25th May, 1916.

A. L. Jones

Messrs. The Kobe Steel Works inspect at their Works, in the forged, rough turned and finished shates the following steel shafts intended for the steamer, Yard No. 273, under construction by the Osaka Iron Works, and found them to be as far as could be ascertained sound and free from defect.

Five Intermediate Shafts 11½ ins.diam.

Mark	Ingot No.	Size of ingot	Tenacity as forged tons per sq"	Elong-ation	Stamp on finished Shaft
OI.39	2168	38"sq.18 tons	31.4	31%	LLOYDS 23/2/16 A.L.J.
OI.43	2166	" "	31.1	29%	" 17/3/16 "
OI.45	2182	" "	31.7	30%	" 24/3/16 "
OI.47	2182	" "	31.3	32%	LLOYDS 17/3/16 A.L.J.
OI.50	2209	" "	30.1	29%	" 24/3/16 "

One Thrust Shaft 12 ins.diam.

OT 8	2116	38"sq.18 tons	30.8	27%	LLOYDS 5/4/16 A.L.J.
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One Propeller Shaft 13 ins.diam.

(Supplied without liner & with cone unfinished)

OS.12	2221	38"sq.18 tons	30.6	32%	LLOYDS 5/4/16 A.L.J.
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Three Crank Shafts 12 ins.diam.

Part	Mark	Ingot No.	Ingot Size	Tenacity as forged tons per sq.	Elongation	Stamp on finished Shaft.
Journal	OJ.34	2127	38"sq.18 tons	31.5	32%	
"	OJ.35	2153	" "	31.0	26%	LLOYDS
Arm	OA.37	2222	" "	31.2	33%	5.4.16
"	OA.36	2204	" "	32.1	32%	A.L.J.
Pin	OP.11	2125	" "	30.4	30%	
Journal	OJ.29	2074	38"sq.18 tons	28.8	34%	
"	OJ.31	2125	" "	30.4	30%	
Arm	OA.37	2222	" "	31.2	33%	LLOYDS
"	OA.38	2218	" "	31.8	26%	5.4.16
Pin	OP.13	2153	" "	31.	26%	A.L.J.
Journal	OJ.29	2074	38"sq.18 tons	28.8	34%	
"	OJ.33	2122	" "	31.3	30%	
Arm	OA.36	2204	" "	32.1	32%	LLOYD'S
"	OA.35	2217	" "	31.2	30%	5.4.16
Pin	OP.13	2153	" "	31.	26%	A.L.J.

A bend test piece, section  $1" \times \frac{3}{4}"$  from each forging has been bent cold through an angle of 180 degrees round  $\frac{1}{4}"$  radius without fracture.

Fee Yen 200.-

*A. L. Jones*

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