

Kobe.

31st December 1915.

A. L. Jones

Messrs The Kobe Steel Works survey and test while being manufactured and finished at their Works the following forged steel shafts made to the order of Messrs The Osaka Iron Works Lim. and intended for the Single Screw Steamer, Yard No. 863 under construction at their Yard at Osaka.

The shafting was examined in the forged, rough turned and finished states and found as far as could be ascertained sound and free from defect.

Five Intermediate shafts 11½" diam.

Mark	Ingot No.	Size Ingot	Tenacity as forged tons per sq. in.	Elongation	Stamp on finished shaft.
OI.6	1803	38"sq. 18 tons	29.8	34%	LLOYDS 14.5.15 A.L.J.
OI.7	1793	" "	28.8	34%	" " "
OI.8	1803	" "	30.0	35%	" " "
OI.9	1802	" "	29.0	32%	" " "
OI.10	1727	" "	30.1	32%	" " "

One Thrust shaft 12" diam.

OT.3	1756	38"sq. 18 tons	30.8	34%	LLOYDS 14.5.15 A.L.J.
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W695-0037 (1 of 2)

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O.J.W.
ad No 863

(2)

One Propeller Shaft 13" dia. (Supplied without liner and with cone unfinished)

Mark	Ingot No.	Size Ingot	Tenacity as forged tons per "	Elongation.	Stamp on finished shaft.
OS.2	1723	38"sq.18 tons	29.1	34%	LLOYDS 15.5.15 A.L.J.

Three Crank Shafts 12" diam.

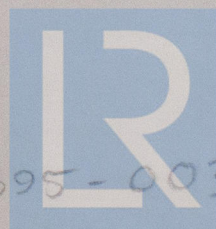
Part	Mark	Ingot No.	Ingot size.	Tenacity as forged tons per "	Elongation.	Stamp on finished shafts.
1 journal	OJ.1	1717	38"sq.18tons	27.7	27%	
"	OJ.3	1745	" "	30.0	31%	
"	OJ.4	1764	" "	29.1	34%	
"	OJ.6	1736	" "	31.7	32%	
2 journals	OJ.7	1764		28.6	34%	
2 pins	OP.4	1751	34½Oct.14tons	30.8	32%	Each of the three crank shafts built from these parts has been stamped:-
1 pin	OP.5	1749	" "	29.8	36%	
1 arm	OA.1	1747	" "	29.5	34%	LLOYDS 30.6.15 A.L.J.
"	OA.2	1657	" "	29.3	34%	
"	OA.4	1745	38"sq.18tons	29.3	34%	
"	OA.6	1657	34½Oct.14tons	29.1	33%	
"	OA.7	1689	" "	29.1	36%	
"	OA.9	1647	" "	29.5	33%	

From each of the above named forgings a test piece, of section 1"x ¾", was bent cold through 180 degrees round a radius of ¼" without fracture.

Fee Yen 200.00

A. L. Jones

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