

Kobe,

14th November, 1917.

A. L. Jones

Messrs. The Kobe Steel Works attend at their Works for the purpose of inspecting in the forged and rough turned states and making tests from the steel forged shafting of which particulars are given below and found the same to be as far as could be ascertained sound and free from defect.

The shafting is intended for the Single Screw Steamer Yard No. 403 under construction at The Kawasaki Dockyard Co. Ltd., Kobe.

Name of part	Test mark	Tenacity T/sq"	Elong. % in 2"	Section forging Section ingot	Final Mark
Six Intermediate shafts 13 $\frac{1}{2}$ " (finished) diam.					
Tunnel shaft	KI 10D	31.4	31	1/9 r.t.	LR 13/6/17 ALJ
do	KI 5D	31.2	34	do	" 11/6/17 "
do	KI 17D	28.0	30	do	" 6/7/17 "
do	KI 19D	28.1	36	do	" 11/7/17 "
do	KI 18D	29.4	30	do	" 9/7/17 "
do	KI 20D	30.7	33	do	" 20/8/17 "

One Thrust shafts 14 $\frac{1}{2}$ " (finished) diam.

Thrust shaft	KT 1D	32.3	30	1/8.5 r.t.	LR 8/5/17 ALJ
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Two Propeller shafts 16" (fin.) diam.

Screw shaft	KS 5D	29.0	33	$\frac{1}{2}$ r.t.	LR 13/7/17 ALJ
do	KS 3D	30.7	30	1/9 finished	" 1/6/17 "



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Kawasaki No.403 S.S.
Shafting

Name of part	Test mark	Tenacity T/sq"	Elong. %in 2"	Section forging Section ingot	Final mark
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Three Crank shafts 14 $\frac{3}{8}$ "(fin.) diam.in separate parts.

Journal	KJ 3 D	31.0	34	1/8.5 r.t.	L.R. 8/5/17 ALJ
do	KJ 3 D	31.0	34	do	" " "
do	KJ 4 D	32.3	36	do	" 24/5/17 "
do	KJ 4 D	32.3	36	do	" " "
KJdo	KJ 1 D	30.2	39	do	" 8/5/17 "
do	KJ 1 D	30.2	39	do	" " "
Arm	KA 2 D	29.1	32	1/9 r.t	LR 8/5/17 ALJ
do	KA 2 D	29.1	32	do	" " "
do	KA 4 D	30.1	32	do	" 16/5/17 "
do	KA 4 D	30.1	32	do	" " "
do	KA 8 D	28.9	37	do	" 1/11/18 "
do	KA 8 D	28.9	37	do	" " "
Pin	KP 1 D	30.9	30	1/9 r.t.	LR 8/5/17 ALJ
do	KP 2 D	32.3	36	do	" 24/5/17 "
do	KP 2 D	32.3	36	do	" " "

A bend test was made from each forging a bar 1"x $\frac{5}{8}$ " section being bent over a radius of $\frac{1}{4}$ " through an angle of 180 degrees without fracture.

Fee Yen 230.00
Expenses 5.00

Yen 235.00

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