PORT Nagasaki

COPY

No. M-8761

Lloyd's Register of Shipping.

*~~SHIP/OR~~ ENGINE FORGINGS ~~OR/CASTINGS~~.

I have to report that the Forgings, ~~or Castings~~, as herein described, manufactured by Mitsubishi Steel Mfg.Co.,Ltd. *of* Nagasaki **for the Engines No.* - *being constructed by* - *of* - *for the Ship No.* 144 *being built by* Mitsubishi Zosen K.K. *of* Hiroshima *have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to* the above Shipyard.

ITEM Two (2) 2nd & 4th Intermediate Shafts

Identification No.	Nag	3218		3220
Surveyor's Initials.		A. I.		A. I.
Materials.	Heat No.	F.S. NSW.60570		F.S. NSW.60564
	Test Mark	HL-12		HL-10
How made.		Electric furnace		
Heat treated.		Yes		
Dimensions.	Dia of Shaft 425mm.	Dia of flange 760mm-761mm		Total length 7368mm,7361mm
Weight.		10,000 x 2 as rough turned		
Progress on Insp.		Rough turned condition		
		(T)	(B)	(T) (B)
Yield. T. per sq. in.		15.2	15.4	15.4 16.2
Ult. T. per sq. in.		30.0	29.4	31.0 30.6
Elong. % on 2 in.		35.0	34.0	36.0 35.0
Reduc. of Area %		49.2	55.2	58.0 55.2
Gold Bend.		good	good	good good
Brinell.		134	134	140 137
Izod.		-	-	- -
Final date.		13-8-60		10-8-60

Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings.

Examined finished machined
Port Shimonoseki
Date 19-10-60 and marked 24-10-60
for identification

LLOYD'S SMK	LLOYD'S SMK
NAG. NO 3218	NAG NO. 3220
K.O. CR	K.O. CR
24-10-60	19-10-60

Other tests:

NSW.60570
HL-12
LLOYD'S NAG
NO.3218
AI R 13-8-60

NSW.60564
HL-10
LLOYD'S NAG
NO.3220
S.N. R 10-8-60

Fee:

Expenses

Signature K. Okada for A. Imaizumi & S. Noguchi

Date 23.8.1960

*Delete where not applicable.

Rpt. 6. (Ship & Eng). (MADE AND PRINTED IN KOBE 2M-10, 52) (TURN UP

the Surveyors, or other Officers or Agents of the Society."

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