

COPY

Lloyd's Register of Shipping.

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No. M-65835

Port KOBE

8th September, 1960.

L. R. No. KT-F1522

This is to Certify that at the request of Messrs. Kobe Steel Works, Ltd., Takasago Plant, Takasago, Hyogo Pref., the ~~Open-Hearth~~ Electric furnace ~~Steel Forgings or Castings~~ and Bronze named below ~~were~~ was examined and tested at their works on the 27th July, 1960 and subsequently and found to be so far as could be ascertained, sound and free from defects.

One (1) Tailshaft with sleeve in finished condition, except taper part. Dia. of shaft 477mm and 475mm, Dia. of flange 750mm, Dia. of flange neck 445mm, length of shaft 6,180mm, outside dia. of sleeve 527mm and 525mm, thickness of sleeve 25mm, length of sleeve 4,090mm, weight 8,060 kgs and 1,106 kgs.

The test results are as follows:

Test Mark	Tenacity		Elongation % in 2" 50mm	Reduction of Area %	Bend 120° x 180°	Remarks
	T/in <sup>2</sup> YIELD.	Kg/mm <sup>2</sup> ULT.				
TA8052-1 (T)	30.9	48.7	35	61	Good	For shaft Forging ratio, 2.0-9.7
(B)	27.9	46.5	35	60	"	
TR1	-	36.7	70	-	-	For sleeve
N.B.: The sleeve was tested hydraulically to 1.k kg/cm <sup>2</sup> and found satisfactory.						

This tailshaft with sleeve ~~is~~ are intended for Ship No. 144 being built by

Mitsubishi Shipbuilding & Eng., Co., Ltd., ~~Hiroshima Works, Hiroshima~~ and ~~has~~ have been stamped as follows:

TA8052-1

TR1

LLOYD'S KOB
No. KT-F1522 ✓
EI LR
1 - 9 - 60

On shaft

LLOYD'S TEST KOB
W. T. P. 1.1 kgs
EI LR
20 - 8 - 60

On sleeve

*E. Itami*

Surveyor to Lloyd's Register.  
E. Itami

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FOR SHIMONOSEKI

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