

# LLOYD'S REGISTER OF SHIPPING

## \*SHIP OR ENGINE FORGINGS OR CASTINGS

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I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. T. S. Forster & Sons Ltd. of Sunderland.

\*for the Engines No. 526 being constructed by The Grangemouth Dockyard Co. Limited.  
of for the Ship No. being built by

of

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

GRANGEMOUTH

N. 7269

ITEM	FORWARD INTER SHAFT.	PROP. SHAFT.	INTER. SHAFT.	INTER. SHAFT.	FWD.INTER. SHAFT.	INTER. SHAFT.
Identification No.	4604	4605	4606	4607	4608	4609
Surveyor's Initials.	JM	JM	JM	JM	JM	JM
Materials.	S.M. Ingot Steel					
How made.	Forged					
Heat treated.	Yes					
Dimensions.	As per plan.					
Weight.						
Progress on Insp.	Black Forged					
Test Nos.	V 407	V408	V 413	V 414	V 415	V 416
Yield tons per sq.	20.4	16.4	16.8	16.8	18.4	16.8
Ult. tons per sq.	32.0	28.8	28.8	28.8	32.0	29.2
Elong. % on 2"	33%	33%	36%	36%	34%	34%
Reduc. of Area %						
Cold Bend.	180o	180o	180o	180o	180o	180o
Brinell.						
Izod.						
Final date.	9/10/59					

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

Other tests :

Fee : TO BE INCLUDED IN  
MONTHLY ACCOUNT  
Expenses :

Signature  
J. MUMBERSON.

Received at \*Delete where not applicable

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Lloyd's Register  
Foundation