

## LLOYD'S REGISTER OF SHIPPING

\*SHIP OR ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings ~~xxxCastings~~ as herein described, manufactured  
 by Messrs. T.S. Forster & Sons Limited. of Sunderland  
 \*for the Engines No. 526 being constructed by The Grangemouth Dockyard Co. LD  
 of Grangemouth 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	2 INTERMEDIATE SHAFTS.		3 PROPELLER SHAFTS.		
Identification No.	4615	4616	4617	4618	4619
Surveyor's Initials.	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 417	V 418	V 419	V 420	V 421
Yield tons per sq"	19.2	17.6	17.2	17.2	19.2
Ult. tons per sq"	31.6	28.8	28.4	28.8	31.6
Elong. % on 2"	29%	34%	34%	32%	26%
Reduc. of Area %					
Cold Bend.	180o	180o	180o	180o	180o
Brinell.					
Izod.					
Final date.	13/10/59				

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

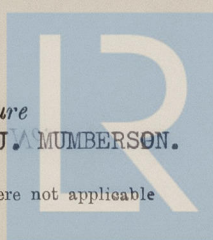
Other tests :

Fee : TO BE INCLUDED IN  
 MONTHLY ACCOUNT

Signature  
 J. MUMBERSON.

Expenses :

Witnessed at \*Delete where not applicable



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 Foundation

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