

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port Middlesbrough

## No. \_\_\_\_\_ ENGINE FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS should be struck out as may be required.

I have to report that the Forgings or Castings, as herein described, manufactured by The Darlington Forge Ltd of Darlington for the Engines No. 387 being constructed by Smith Dock & Co. Ltd of South Bank 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

Continuous Liner fitted.

Mark on Forgings or Castings.

Lloyd's  
No. 6508D  
D.D.W. MR.

D. D. Williamson

Darlington 30-1-30

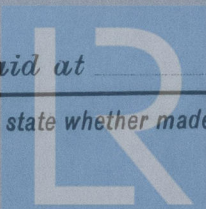
	CRANK SHAFT.	THRUST SHAFT.	3 INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			2 SCREW SHAFT.
Material* ...	/	5 In. Ingot Steel Forged F.S.		
How made ...				
If Annealed ...				
Dimensions, Forgings		14" dia	13 1/2" dia + 13 1/2" dia	15 3/8" dia
Weight, Castings				
Progress on { Inspection }		Let 9.808, 784, 786, 788, 790, 792		
Tests on Standard Test Pieces.				
Tensile Test—		30.6	32.0 28.8 29.4	31.8 30.6
Tons per square inch		30.0	29.0 33.0 30.0	31.0 34.0
Extension per cent	3"		188°	
Cold Bending Test—				
Angle before fracture				
Dates when Inspected		25-11-29 & 24-12-29	20-11-29 & 24-12-29	20-11-29 & 30-1-30

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at

\* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.



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Foundation

003591-003598-0122



