

Lloyd's Register of Shipping.

(Report on Machinery, No. 87074 Port Nw c)

No. 21469. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The English Steel Corporation Ltd. of Sheffield for the ^{Value} ~~Engines~~ No. 270 being constructed by The Parsons Marine S. Y. Co. Ltd. of Walsend on Tyne for the Ship No. 55 "Kingwood", 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

Mark on Forgings or Castings.

Lloyd's

No. 3909

R.N.F. 27/6/20

R.W. Hawcett

Sheffield
5/7/20

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.	1 st and Pinion Shaft	1 st and Pinion Shaft	SCREW SHAFT.
Material* ...		Nickel	Steel	
How made ...		Forged		
If Annealed ...		Yes.		
Dimensions, Forgings		Dia 9 1/4"	Dia 4 3/4"	
Weight, Castings ...				
Progress on Inspection }		Rough	Machined	
Tests on Standard Test Pieces.		45823	45822	
Tensile Test—		7L AL TX BX	AL BX TX	
Tons per square inch		41.0 41.2 40.5 41.6	42.2 41.6 41.6	
YIELD		30.0 29.5 28.0 29.5	30.0 30.0 30.0	
Extension per cent		25.5 23.5 24.0 20.5	24.5 21.5 19.5	
Cold Bending Test—		180° 180° 180° 180°	180° 180° 180°	
Angle before fracture				
Dates when Inspected		21/6/20 to 27/6/20	24/6/20 to 27/6/20	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ 1-11-6 To be paid at Sheffield

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