

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at Office, 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 853 Port Cleveland)

No. 3083 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Ellwood City Forge Company. of Ellwood City, Penna. Order No. 52267 for the Engines No. being constructed by The Cooper-Bessemer Corp. of Grove City, Penna. 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 Grove City, Penna.

Mark on Forgings or Castings.

Lloyd's
No. 3083
WJF 3-4-37

Pittsburgh, Penna.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	Three Throw KKXWHELY SHAXX			SCREW SHAFT.
Material* ...	O.H. STEEL			
How made ...	FORGED			
If Annealed ...	YES			
Dimensions, Forgings				
Weight, Castings				
Progress on { Inspection }	ANNEALED & ROUGH TURNED			
Tests on Standard Test Pieces.	52500 53500 85000 88000	Yield Ultimate		
Tensile Test— Tons per square inch				
Extension per cent	28.5 29.0			
Cold Bending Test— Angle before fracture	59.8 63.5	Reduction		
Dates when Inspected	3-4-37			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Tested in accordance with the Cooper-Bessemer Spec1. No. C-5

Fee (if any chargeable) £

To be paid at Pittsburgh

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

10m.10.30

The foregoing is a correct description.