

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office, 22 OCT 1930.

## Lloyd's Register of Shipping.

(Report on Machinery, No. *880* Port *DANZIG*)No. *145* ENGINE FORGINGS ~~OR CASTINGS~~  
*works No. 65587*

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs *F. Schichau S. m. b. H.* of *Elling* for the Engines No. *429* being constructed by Messrs *The International S. & E. Co. Ltd.* of *Danzig* for the Ship No. *63*, being built by Messrs *The International S. & E. Co. Ltd.* of *Danzig* 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 Messrs *The International S. & E. Co. Ltd.* *Danzig*

Mark on Forgings ~~or Castings~~*DANZIG*, 21st May 1930

Lloyd's

No. *543, 544**7.3.30 J.C.D.**One four throw built crank shaft**James C. Dykes*

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<i>Crank Shaft 1st Section</i> <i>4 crank webs</i> <i>FLYWHEEL SHAFT</i>	<i>3 pins &amp; 2 journals</i>	<i>Crank Shaft 2nd Section.</i> <i>4 crank webs</i> <i>3 pins &amp; 2 journals</i> <i>SCREW SHAFT.</i>	
	<i>No. 573</i>		<i>No. 544</i>	
Material* ...	<i>Siemens Martin</i>	<i>Ingot Steel</i>		
How made ...	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>	<i>Forged</i>
If Annealed ...	<i>Annealed</i>	<i>Annealed</i>	<i>Annealed</i>	<i>Annealed</i>
Dimensions, Forgings	<i>To sketch</i>	<i>293 mm dia</i>	<i>To sketch</i>	<i>293 mm dia</i>
Weight, Castings	✓	✓	✓	✓
Progress on Inspection }	<i>Finished</i>	<i>Finished</i>	<i>Finished</i>	<i>Finished</i>
Tests on Standard Test Pieces.	<i>L 41</i> <i>20 x 45</i>	<i>L 42</i> <i>20 x 45</i>	<i>L 43</i> <i>20 x 45</i>	<i>L 44</i> <i>20 x 45</i>
Tensile Test—mm Kg Tens per square inch	<i>44.45</i>	<i>44.10</i>	<i>48.06</i>	<i>45.52</i>
Extension per cent	<i>34.30</i>	<i>32.00</i>	<i>33.30</i>	<i>36.00</i>
Cold Bending Test— Angle before fracture	<i>180° good</i>	<i>180° good</i>	<i>180° good</i>	<i>180° good</i>
Dates when Inspected	<i>18.2.30 &amp; 7.3.30</i>	<i>18.2.30 &amp; 7.3.30</i>	<i>18.2.30 &amp; 7.3.30</i>	<i>18.2.30 &amp; 7.3.30</i>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ *5.10.6 (incl. Exp)* To be paid at by Messrs *F. Schichau S. m. b. H.*

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