

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

# Lloyd's Register of British & Foreign Shipping.

(Report on Machinery, No. 34565 Port **GLASGOW**)

Order 15245.

## No. **18137**. ENGINE FORGINGS OR CASTINGS

I have to report that the ~~xxxxxx~~ Steel Forgings ~~or Castings~~, as herein described, manufactured by **Gutehoffnungshütte, Actienverein** of **Oberhausen** for the Engines No. **612** being constructed by **David Rowan & Co.** of **Glasgow** 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.**

**1 intermediate shaft**

Mark on Forgings or Castings.

**Düsseldorf, 13th Dezember 1913.**

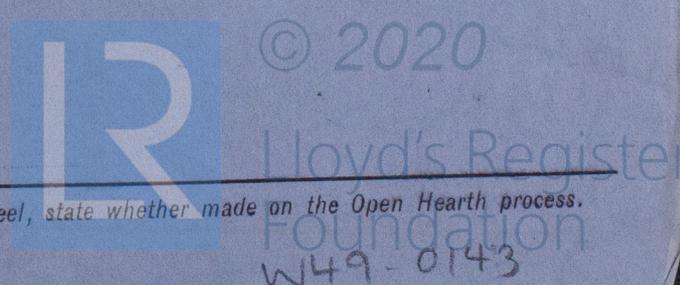
**Lloyd's**  
No. **9147.**  
K.H.12.13.

	STRAIGHT SHAFTING.		
	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material* ...		<b>annealed Siemens-Martin Ingotsteel</b>	
How made ...		<b>forged</b>	
Dimensions ...		<b>14 3/4" diam.</b>	
Progress on { Inspection }		<b>rough turned</b>	
Tests on Standard Test Pieces.		<b>diameter .798"</b>	
Tensile Test—		<b>29.9</b>	
Tons per square inch ...		<b>28.3</b>	
Extension per cent ...		<b>180 degr. good.</b>	
Cold Bending Test—		<b>9,12/12.1913.</b>	
Angle before fracture ...			
Dates when Inspected			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



Fee (if any chargeable) £  
To be paid at **Düsseldorf.**



\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

As far as made by **Blaiseford.**

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:

Dates when inspected  
Cold bending Test  
Extension per cent  
Tensile Test  
Tests on Standard  
Inspection  
Dimensions  
How made  
Materials

9.12.1913.  
180 deg. Good.  
20.2  
20.9  
rough turned  
diameter .788"  
14 3/4" diam.  
forged  
Mottin Locomotives

CRANK SHAFT

STRAIGHT SHAFTING

*David Rowan*  
K.M.18.13.  
No. 0143.  
Blaiseford

Blaiseford, 13th December 1913.

20612  
Intermediate shaft  
sound and free from defects.

For the Machine No. 0143  
For the Shaft No. 012  
Manufactured by **Autofabrikgesellschaft, Aachen**  
Manufactured by **David Rowan & Co.**  
of **Osprey**

**ENGINE FORCINGS**

**Lloyd's Register of British & Foreign Shipping**

For the information of Surveyors and the Committee only

