

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ Office, \_\_\_\_\_ 19

# Lloyd's Register of Shipping.

(Report on Machinery, No. 8178 Port Gothenburg)

## No. 2279 / 1. ENGINE FORGINGS ~~OR~~ AND CASTINGS.

I have to report that the Forgings ~~or~~ Castings, as herein described, manufactured by Messrs. A.-B. Lindholmen-Motala of Motala Verkstad for the Engines No. ~~454~~<sup>964</sup><sub>965</sub> being constructed by Messrs. A.-B. Götaverken of Gothenburg for the Ship No. 488, being built by Messrs. Blohm & Voss of Hamburg 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 Gothenburg.

in Forgings or Castings.

Gothenburg, 19th May, 1930,

Lloyd's

No. 4685

GA 17.5.30

### AFTER PART:

*Alf Mander*

	<del>XXXXXXXXXX</del> 2 CRANK webs with counter weights <del>XXXXXXXXXX</del>	<del>XXXXXXXXXX</del> 2 CRANK WEBS. with counter weights	<del>XXXXXXXXXX</del> 2 crank webs with counter weights.	<del>XXXXXXXXXX</del> 4 journal pieces 3 crank pins. <del>XXXXXXXXXX</del>
	S.M. Steel.	S.M. Steel.	S.M. Steel.	S.M. Steel.
	Cast	Cast	Cast	Forged.
	Yes	Yes	Yes	Yes.
Forgings	As per plan.			Diam. 404 mm.
Castings	—			—
	Unmachined and finished.			Rough turned & finished.
Standard sizes.	53.0 - 45.8	51.7, 51.1, 49.8	53.0 - 45.8	46.4 & 48.0
Weight	29.0 - 36.0	29.0, 32.0, 34.0	29.0 - 36.0	30.0 & 28.0
Test temperature	120° good.	120° good.	120° good.	180° good.
Weight	22.3 & 17.5.30	26.2 & 17.5.30	22.3 & 17.5.30	6.3 & 17.5.30

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop and hammer tests good.

(Continued).

chargeable) £ —

To be paid at Gothenburg.

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

pt. 7.

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# Lloyd's Register of Shipping.

(Report on Machinery, No. 8178 Port Gothenburg)

## No. 2279 / II. ENGINE FORGINGS & CASTINGS.

I have to report that the Forgings & Castings, as herein described, manufactured by Messrs. A.-B. Lindholmen-Motala of Motala Verkstad for the Engines No. 454<sup>1964</sup>/<sub>1965</sub> being constructed by Messrs. A.-B. Götaverken of Gothenburg for the Ship No. 488, being built by Messrs. Blehm & Voss of Hamburg 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 Gothenburg.

may be registered.

on Forgings or Castings.

Lloyd's  
No. 4686  
GA 17.5.30

Gothenburg, 19th May, 1930,

*G. Sander*

### FORWARD PART:

	2 CRANK webs with counter weights	2 CRANK WEBS	2 crank webs with counter weights.	4 journal pieces 3 crank pins.
Material	S.M. Steel.	S.M. Steel.	S.M. Steel.	S.M. Steel.
Made	Cast	Cast	Cast	Forged.
Heat treated	Yes	Yes	Yes	Yes.
Dimensions, Forgings	As per plan.			Diam. 404 mm.
Height, Castings	—			—
Condition on inspection	Unmachined and finished.			Rough turned & finished.
Tests on Standard Test Pieces.				
Tensile Test— Tensile strength per square inch	47.3 - 49.8	51.7, 51.1, 49.8	47.3 - 49.8	46.4 & 48.0
Elongation per cent	31.0 - 32.0	29.0, 32.0, 34.0	31.0 - 32.0	30.0 & 28.0
Bending Test— Angle before fracture	120° good.	120° good.	120° good.	180° good.
When Inspected	6.3 & 17.5.30	26.2 & 17.5.30	6.3 & 17.5.30	6.3 & 17.5.30

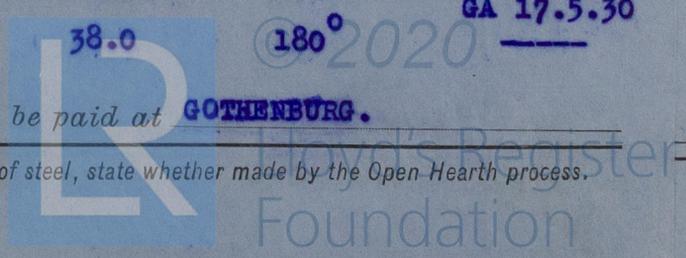
#### PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Drop and hammer tests good.

	Tensile test.	Elongation.	Bend test.	Lloyd's No.
One compressor web:	49.8	32.8 %	180°	4687
24 coupling bolts:	50.5	38.0	180°	GA 17.5.30

(if any chargeable) £ — To be paid at GOTHENBURG.

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



0103(21) 4/1