

Lloyd's Register of Shipping.

(Report on Machinery, No. 9708 Port Gothenburg)

No. 2509 ENGINE FORGINGS ^{AND} ~~AND~~ 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. _____ being constructed by Messrs. A.-B. Götaverken of Gothenburg for the Ship No. 461, being built by Messrs. A.-B. Götaverken of Gothenburg 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.

Work on Forgings & Castings.

Gothenburg, 19th October, 1931.

Lloyd's
No. 4782
GA 7.10.31

One six throw built up crank shaft.

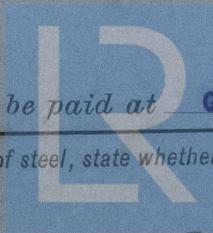
	8 CRANK WEBS with C.W.	4 CRANK WEBS without C.W.	7 JOURNALS & 6 CRANK PINS.	26 coupling bolts.
Material*	S.M. Steel	S.M. Steel	S.M. Steel	S.M. Steel
How made	Cast	Cast	Forged	Forged
Annealed	Yes	Yes	Yes	Yes
Dimensions, Forgings	As per plan.		343 mm.	As per plan.
Weight, Castings	—	—	—	—
Progress on Inspection	Cast and finished.		Rough turned and finished.	
Tests on Standard Test Pieces.				
Tensile Test— kg per square mm.	51.1-47.3	49.2-48.6	49.2 & 48.0	51.1
Extension per cent	31.0-34.0	32.0-33.0	34.0- & 33.0	32.0
Cold Bending Test— Angle before fracture	120° good.	120° good.	180° good.	180° good.
Dates when Inspected	24.7, 7.8 & 7.10.31	7.8 & 7.10.31	9.6 & 7.10.31	8.7 & 7.10.31

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (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.



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