

Lloyd's Register of Shipping.

(Report on Machinery, No. 9708 Port Gothenburg)No. **2509****ENGINE FORGINGS ^{AND} ~~OR~~ 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.

	XXXXXXXXXX 8 CRANK WEBS with C.W. XXXXXXXXXX	XXXXXXXXXX 4 CRANK WEBS without C.W. XXXXXXXXXX	XXXXXXXXXX 7 JOURNALS & 6 CRANK PINS. XXXXXXXXXX	XXXXXXXXXX 26 coupling bolts. XXXXXXXXXX
Material* ...	S.M. Steel	S.M. Steel	S.M. Steel	S.M. Steel
Work 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— Tons 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.