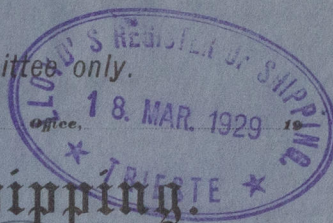


Rpt. 7.

For the information of Surveyors and the Committee only.

Received at



Order: 38986/st
Post: 4421
Best: 2518/4

(Report on Machinery, No. 8532

Port Trieste

No. 1211

ENGINE FORGINGS & CASTINGS

I have to report that the Forgings & Castings, as herein described, manufactured by Messrs. Witkowitz Bergbau & Eisenh. Gew. of Witkowitz for the Engines No. being constructed by Messrs. Stabilimento Tecn. Triest. of Trieste for the Ship No. 206, being built by Messrs. Cantiere Navale Triestino of Monfalcone 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. Stabilimento Tecnico Triestino, Trieste

Mark on Forgings & Castings

Vienna, 11th March 1929

Lloyd's
No. 3525
HK. 8.3.29

9416-9421

1 TS
5 Interm. Sh.

Hans Kolbow

	CRANK SHAFT 1 propeller shaft KEYWHEEL SHAFT	CRANK SHAFT brass liner 1	INTERMEDIATE SHAFT brass liner 1	INTERMEDIATE SHAFT intermediate 1 shafts 1 SCREW SHAFT	
Material* ...	S.M. Ing. Steel	SB. brass	SB. brass	S.M. Ing. Steel	
How made ...	forged	cast	cast	forged	
If Annealed...	annealed			annealed	
Dimensions, Forgings	276 Ø	to sketch	to sketch	250 Ø	
Weight, Castings	---	---	---	---	
Progress on Inspection }	finished	finished	finished	finished	
Tests on Standard Test Pieces.	No: 9416	No: (9416)	No: (9416)	9417✓ 9418✓	
Tensile Test—	29.8	14.7 17.4	15.2	30.3 28.6	
Tons per square inch	3" 35.5	25.0 30.9	25.0	31.6 34.9	
Extension per cent					
Cold Bending Test—	180 degr. good	120 degree good		180 degr. good	
Angle before fracture					
Dates when Inspected	5.1.22.2; 8.3.29	22.2; 8.3.1929		18.1; 8.3.29	

PARTICULARS OF OTHER TESTS APPLIED

	intermediate shaft, 250 Ø, Tens. str. in t/sq	31.3 with 32.9	% elong. 3"	No:
"	"	31.2	" 31.6	9419✓
"	"	30.1	" 32.9	9420✓
alts, 64/78 Ø	"	31.6	" 31.6	9421✓
"	"	31.6	" 31.6	---
"	"	31.4	" 31.6	---

Bend tests good.

Fee (if any chargeable) £

To be paid at VIENNA

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

10m.9.27.

Starting Air Receivers, No. one

Total cubic capacity 250 LITRES

Internal diameter

Range of tensile strength 41-47 kg

Working pressure