

Lloyd's Register of Shipping.

Order: 27110/St
Post: 24091

(Report on Vessel No. 9129 Port Trieste)

M. Cortellaro

No. 1934 SHIP FORGINGS ~~OR CASTINGS~~

I have to report that the undermentioned ~~Iron or~~ Steel Forgings ~~or Castings~~, manufactured by Messrs. Witkowitz Bergbau & Eisenh. Gew. of Witkowitz for the Vessel No. 223, 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, 1 built up rudder without plate, sound and free from defects.

Mark on Forgings ~~or Castings~~

Reg. Ital.
Lloyd's
No. 3889
HK. 20.12.29

10145/46

V i e n n a, 30th December 1929

Hans Kolbow

	1 rudder shaft SPERNER FRAME	1 rudder spindle RUDDER FRAME	rudder arms STEEL	
			1	1
Material*	Siemens	Martin	Ingot Steel	
How made	forged	forged	forged	
If annealed	annealed	annealed	annealed	
Dimensions	268 Ø	268 Ø	to sketch	
Progress on Inspection	almost finished	almost finished	almost finished	
Date when Inspected	20.12.1929	8.11; 20.12.29	8.11; 20.12.1929	
Tests	<u>No: 10145</u>	<u>No: 10146</u>		
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	31.6	30.0	28.9	28.6
Extension per cent. ...	31.6	32.9	38.2	36.8
Cold Bending Test—				
Angle before fracture	180	degrees	good	
Drop Test—				
Height from ground ...	---	---	---	
Hammering Test—				
If made according to Rules and found satisfactory ...	---	---	---	

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

rudder arm, to sketch,	Tens. str. in t/sq":	29.6 with 36.8 % elong. in 3"
" " "	" "	29.3 " 35.5 "
" " "	" "	29.9 " 38.2 "
bolts 2 3/4"Ø	" "	30.3 " 34.2 "

Bend tests good!

Fee (if any chargeable) £ : :

To be paid at VIENNA

* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.

