

For the information of Surveyors and the Committee only.

Received at

Office,

to

Lloyd's Register of Shipping.

Order: 25920/st
Post: 2916.

(Report on Vessel No.

7286

Port

Trieste

No. 1493.

SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron~~ Steel Forgings ~~on~~
~~Castings~~ manufactured by Messrs. Witkow, Berg & Eiseh. Gewerkschaft
 of Witkowitz for the Vessel No. 157, being built
 by Messrs. Cantiere Navale Triestino of Trieste
 have been inspected by me as set forth below and found to be, so far as can
 be seen, one built up rudder with plate riveted in, sound and free
 from defects.

Mark on Forgings ~~as follows~~

Lloyd's

Vienna, 27 th May 1925.

No. 1493. 477/78.

HK14.5.25.

Hans Kolbow.

	Rudder shaft.	RUDDER	spindle	Rudder plate.
	SUBMERSE	CASTING	CASTING	STEEL
Material*	annealed Siemens Martin Ingot Steel.			S.M. Steel.
How made	forged	forged		rolled
Dimensions	10" ϕ	10 - 7 1/2" ϕ		1 1/16"
Progress on Inspection	finished	finished		finished
Date when Inspected	29.4; 14.5.25.	9.25 14.5.25.		14.5.25.
	No: 477.	478.		
Tests on Standard Test Pieces.				
Tensile Test—	29.5 30.6	30.6 30.0		29.0
Tons per square inch	30.1 30.9	30.5 33.5		
Extension per cent	29.4 29.8	30.6 32.5		20, in 200 mm.
Cold Bending Test—	180 degr. good.	180 degr. good.		
Angle before fracture				
Drop Test—	---	---		---
Height from ground ...				
Hammering Test—	---	---		---
If made according to Rules and found satisfactory ...				

~~CASTING~~
 1 arm: 30.3 t/sq" with 31.5% along in 3" and 31.2% in 4" ϕ
 1 " 30.2 32.9 31.9
 1 " 31.3 35.5 35.0
 1 " 29.1 32.9 32.5
 1 " 31.5 29.2 29.0
 1 " 30.6 31.0 30.6

All 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.