

Lloyd's Register of Shipping.

Order: 24544/ST
Post: 3734
Best: 13176

(Report on Vessel No. Odense 30 Port Copenhagen)

No. 455

SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron~~ Steel Forgings ~~xx~~ ~~castings~~ manufactured by Messrs. Witkowitz Bergbau & Eisenh. Gew. of Witkowitz for the Vessel No. 30, being built by Messrs. Odense Staalskibsvaerft of Odense 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 ~~xxxxxx~~

Lloyd's
No. 2751 2027/28
VS.19.4.28

Vienna, 23rd April 1928

L. Stronach

	1 rudder shaft SPERN FRAME	1 RUDDER spindle FRAME	rudder arms 1 xxxx 1
Material*	Siemens Martin Ingot Steel	Siemens Martin Ingot Steel	Siemens Martin Ingot Steel
How made	forged	forged	forged
If annealed	annealed	annealed	annealed
Dimensions	12 1/2"	12 1/2" - 9 1/2"	to sketch
Progress on Inspection	almost finished	almost finished	almost finished
Date when Inspected	28. 3. 1928 and 19. 4. 1928		
Tests on Standard Test Pieces.	<u>No: 2027</u>	<u>No: 2028</u>	
Tensile Test— Tons per square inch	31.3	28.7	29.4 29.8
Extension per cent. ...	32.9	35.5	36.8 35.5
Cold Bending Test— Angle before fracture	180 degree	good	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.

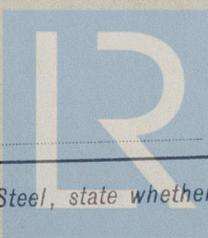
	1 rudder arm, to sketch, Tens. str. in t/sq"	31.2 with 32.3 % along, in 3"
1	" " "	29.6 " 36.2 % "
1	" " "	31.2 " 32.3 % "
1	" " "	28.4 " 38.2 % "

Bend tests good.

Fee (if any chargeable) £ : :

To be paid at

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



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