

For the information of Surveyors and the Committee only.

Received at

Office,

# Lloyd's Register of British & Foreign Shipping.

(Report on Vessel No.

Port

er 56519/56520.

1423.

## SHIP FORGINGS OR CASTINGS.

I have to report that the undermentioned ~~Iron~~ Steel Forgings ~~xxx~~  
castings, manufactured by Messrs. Haniel & Lueg  
Düsseldorf - Grafenberg for the Vessel No. 249, being built  
Messrs. Joh. C. Tecklenborg A.G. of Geestemünde  
have been inspected by me as set forth below and found to be, so far as can  
seen, sound and free from defects.  
built Rudder, 4 Quadrant arms.

Düsseldorf 4th June 1912.

*M. Berg*

	STERN FRAME.	RUDDER FRAME.	STEM.
			Quadrant arms
		Annealed Siemens Martin Steel	
		forged	forged
		head 10" / 7 1/2"	
		spindle 10" diam.	
		rough & finished	rough
Inspection		11.15. & 27.3.1912.	15. & 22.3., 10.4.12.
Inspected		31. 5. 1912.	31. 5. 1912.

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF TESTS APPLIED TO CASTINGS.

	29,4	Tons	per	square	inch	34,-	%	Elongation	in	3"
ler head	29,4	-	-	-	-	33,1	%	-	-	-
ler spindle	29,5	-	-	-	-	33,6	%	-	-	-
ler arm	28,1	-	-	-	-	34,3	%	-	-	-
do.	28,5	-	-	-	-	30,7	%	-	-	-
do.	28,9	-	-	-	-	34,5	%	-	-	-
do.	30,4	-	-	-	-	34,2	%	-	-	-
do.	28,1	-	-	-	-	32,6	%	-	-	-
do.	29,1	-	-	-	-	33,3	%	-	-	-
drant arms	27,3	-	-	-	-	32,6	%	-	-	-
do.	29,4	-	-	-	-	31,9	%	-	-	-
do.	27,1	-	-	-	-	-	-	-	-	-

diameter of sample .798"

Bend tests good.

(if any chargeable) £

to be paid at Düsseldorf

\* If of Iron, state whether scrap or puddled Iron.

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Lloyd's Register  
Foundation

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