

Lloyd's Register of Shipping.

Hamburg Report Nr. 22443

Order: 1429

Surveyors' Office, DÜSSELDORF.

I, Karl Hauf, the undersigned surveyor to this Society tested in
works of Messrs. Klockner Werke A.G., Abt. Georg-Marien-Werke of Georgsmarienhütte
Siemens-Martin Boiler steel round bars specified hereunder, ordered
Messrs. Howaldts Werke A.G. of Kiel
the ship No. 465 Boiler No. 1525-1524 and that the results of tests were as are set forth below.

Dimensions.			Intended for	Sample number	Charge number	Tensile tenacity			Elongation in 200 mm. in %.	Bending tests.		Remarks.
Kg.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered	
3600	φ	43	Stay bars	3	1600	41/47	41/47	44.0	26.0	good	good	
				4				43.8	27.0	"	"	
1800	"	49	" "	5	1642	"	"	41.6	27.0	"	"	
				6				42.6	28.0	"	"	
1650	"	92	" "	4	1308	"	"	41.2	28.0	"	"	

Düsseldorf, 16th November 1936.

Karl Hauf
Surveyor to Lloyd's Register

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N.B.—Material with less than 26 Tons tensile strength may not be used in the construction of boilers for classed vessels, unless specially sanctioned by the Committee.

1 Ton per square inch = 1,574 Kilo per square millimeter. 1 Kilo per square millimeter = 0,635 Tons per square inch.

Lloyd's Register
Foundation