

# Lloyd's Register of Shipping.

der: St. 1429 I/3659/B. 5014.

Hamburg Report Nr. 22443

Surveyors' Office, DÜSSELDORF.

is is to certify, that Heinrich Brüggemann the undersigned surveyor to this Society tested in  
 e works of Messrs. Klückner - Kerke A. G. alt. Georg-Marien-Kerke of Georgsmarienhütte  
Siemens - Martin Boiler steel Round Bars specified hereunder, ordered  
Messrs. Hunsalatscher A. G. of Kiel  
 the ship No. 456 Boiler No. 1525/27 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.
Length.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered	
100	φ	55	Stay Bars Düsseldorf 8 <sup>th</sup> January 1937.	85	2391	41/47	41/47	43.5	27.5	good	good	

*H. Brüggemann*  
 Surveyor to Lloyd's Register

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

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.