

# Lloyd's Register of Shipping.

Order: 1805

Surveyors' Office, DÜSSELDORF.

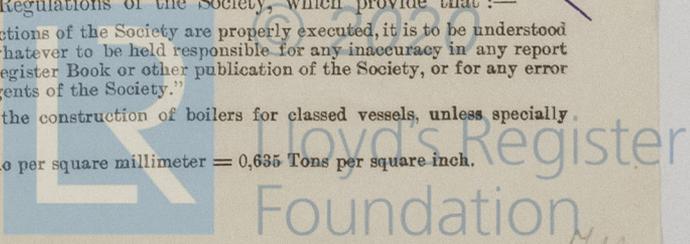
This is to certify, that Max Kellner the undersigned surveyor to this Society tested in  
 the works of Messrs. Gutehoffnungshütte A.G. of Oberhausen  
annealed Siemens Martin Boiler steel plates specified hereunder, ordered  
Messrs. Nitenshiki Shoji Kaisha Nagasaki Works of Nagasaki  
 for the ship No. 473 Boiler No. \_\_\_\_\_ 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 o.	Bending tests.		Remarks.
Length.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered	
4635	405	20,5	Butt straps	7	52395	44/55	44/50	48,8	28	good	good	

Düsseldorf, 23<sup>rd</sup> July 1929.  
 Max Kellner.  
 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 Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are 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 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.



TELEPHONE NO. 20314

1. For bar welded joint — 1.5A1 Kilo bar stress millimeter. 1 Kilo bar stress millimeter = 0.022 Tons per square inch.  
 2. For bar welded joint — 1.5A1 Kilo bar stress millimeter. 1 Kilo bar stress millimeter = 0.022 Tons per square inch.  
 3. For bar welded joint — 1.5A1 Kilo bar stress millimeter. 1 Kilo bar stress millimeter = 0.022 Tons per square inch.

This Certificate is issued upon the terms of the Rules and Regulations of the Society which provide that:  
 "While the Committee are their best endeavors to ensure that the functions of the Society are properly executed, they do not accept any responsibility for any loss or damage to property or for any injury to persons or for any loss of or damage to property or for any injury to persons or for any loss of or damage to property or for any injury to persons."  
 "The Committee are their best endeavors to ensure that the functions of the Society are properly executed, they do not accept any responsibility for any loss or damage to property or for any injury to persons or for any loss of or damage to property or for any injury to persons."



Dimensions	Intended for	Stamped on the material	Charge-Number	Tensile strength		Elongation in 200 mm	Bending tests		Remarks
				Yield point	Ult. strength		Temp.	Deflection	
1000 x 100 x 10	for boiler	✓	2500	45	55	25	10	10	Specimen for Lloyd's Register

The ship No. 713 boiler No. 1000 and that the results of tests were as are set forth below.

Specimen for Lloyd's Register  
 of Boiler  
 the undersigned surveyor to this Society, tested in  
 specified temperature, ordered  
 of Boiler  
 the undersigned surveyor to this Society, tested in

Surveyors, Office, DÜSSELDORF.

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*Handwritten signatures and initials in red ink.*

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