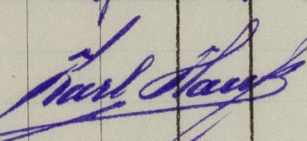


Lloyd's Register of Shipping.

Order: Pt. 853 I / 1156.

Surveyors' Office, DÜSSELDORF.

This is to certify, that Karl Hauss the undersigned surveyor to this Society tested in the works of Messrs. Klöckner-Werke A.G. Abt. Georgmarien-Werke of Georgmarienhütte the Siemens-Martin Boiler steel Bars specified hereunder, ordered by Messrs. Henschelwerke A.G. of Kiel for the ship No. 732 Boiler No. 1513 and that the results of tests were as are set forth below.

Batch-number.	Dimensions. <i>in mm</i>			Intended for	Sample number	Charge-number	Tensile tenacity <i>kg. p. sq. mm</i>			Elongation in 200 mm. <i>in %</i>	Bending tests.		Remarks <i>Elongation in 90 mm in %</i>
	Length.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered	
<i>4 kg.</i>													
2850	3430	φ	44	Long. stay bars	1	728	$\frac{44}{55}$	$\frac{44}{50}$	45,0	29,0	good	good	40,0
850	3460	φ	44	" " "									
Cold and temper bend tests 180° good.													
Düsseldorf 21 st September 1934.													
 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 Committee 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.