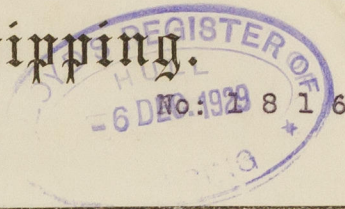


Lloyd's Register of Shipping.

76175/WV/11



Surveyors' Office, VIENNA.

Certify, that Heinrich Schneider the undersigned surveyor to this society tested in
of Messrs. Witkowitz Bergbau & Eisenhütten Gew. of Witkowitz
Sealed Siemens Martin Boilersteel round bars specified hereunder, ordered
by S. Charles Holmes of Hull
Ship No. Boiler No. 1388 and that the results of tests were as are set forth below.

Dimensions. in millimeters			Intended for	Sample number	Charge- number	Tensile tenacity in Kg/mm ²			Elongation in 200 mm. in %	Bending tests		Remarks.
Length.	Breadth.	Thick- ness.				As per rules.	Ord- ered.	By test.		Cold.	Tem- pered.	
467	∅	83	longitudi- nal stays	41	9396	44	44	48.3	30.6	good		
				42	"	50	50	49.8	26.3	"		
				43	"	"	"	47.5	21.3	"		
				44	"	"	"	46.4	24.4	"		
569	∅	73	"	45	9371	"	"	49.3	23.1	"		
Vienna, 26th November 1929												
<div>Heinrich Schneider</div> <div>SURVEYOR TO LLOYD'S REGISTER</div>												

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."

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.

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1 Ton per square inch = 15.7 Kilos per square millimeter. 1 Kilo per square millimeter = 0.033 Tons per square inch.

— Material with less than 36 Tons tensile strength may not be used in the construction of puffers for closed vessels unless specially sanctioned by the Committee.
— Material of the puffers, or other Officers or Agents of the Society.
— Material tested by the Society or the puffers, or in any other way, and the results are to be entered in the Register, Book or other publication of the Society, and a copy of the results is to be sent to the Committee.
While the Committee are this last endeavor to ensure that the functions of the Society are properly executed it is the intention of the Committee to publish the results of the tests of the puffers, which provide the following:—

SURVEYOR TO LLOYD'S REGISTER

W. H. Jones

Length in millimeters.	Breadth in millimeters.	Thickness in millimeters.	Intended for	Sample number	Stamped on the material.	Charge number	Tensile strength in lbs per sq. inch.	Elongation in %.	Bending tests		Remarks.
									Cold.	Hot.	
400	80	80	Longitudinal	41	9300	44	44	48.3	20.0	Good	
400	80	80	"	42	9301	"	"	48.3	22.1	"	
400	80	80	"	43	"	"	"	48.4	24.4	"	
400	80	80	"	44	"	"	"	47.9	27.3	"	
400	80	80	"	45	"	"	"	48.8	28.3	"	
400	80	80	"	46	"	"	"	48.3	30.0	"	

Ship No. 1382 and that the results of tests were as are set forth below.

Int. No. 1382 of H. H. J.

Material tested by the Society or the puffers, or in any other way, and the results are to be entered in the Register, Book or other publication of the Society, and a copy of the results is to be sent to the Committee.
While the Committee are this last endeavor to ensure that the functions of the Society are properly executed it is the intention of the Committee to publish the results of the tests of the puffers, which provide the following:—

Surveyors, Office, VIENNA.

Register of Shipping.

