

W1109-0213 1/2

# Lloyd's Register of Shipping.

Order: 1921

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Surveyors' Office, DÜSSELDORF.

is to certify, that Karl Hauf the undersigned surveyor to this society tested in  
works of Messrs. Maschinenbauverein - Werke Hbt. Schulz Grundt of Huckingen  
annulated Limmer Maschinen Boilersteel plates specified hereunder, ordered  
Messrs. O. Hensener Eisenwerk A. G. of Albena - Olfen  
the ship No. \_\_\_\_\_ Boiler No. \_\_\_\_\_ and that the results of tests were as are set forth below.

Dimensions. in mm			Intended for	Sample number	Charge- number	Tensile tenacity kg. p. sq. mm			Elongation in 200 mm. in o/o	Bending tests		Remarks.
Length.	Breadth.	Thick- ness.				As per rules.	Ord- ered.	By test.		Cold.	Tem- pered.	
10160	3160	23.5	Shell pl.	7 L	4687	44/55	44/52	53.0	25	good	good	Lloyd's
"	"	"	"	7 B.	"	"	"	52.8	20	"	"	
"	"	"	"	13 L	"	"	"	51.5	24	"	"	
"	"	"	"	13 B.	"	"	"	52.9	24	"	"	
440	"	19	Butt straps	16	4337	"	"	47.6	22	"	"	243 } 4. L. 241 } 21/8. 244 } 25. 242 }
"	2860	22	"	19	"	"	"	47.7	24	"	"	
900	440	23.5	Comp. ring	7	4687	"	"	52.8	20	"	"	
For sketch	"	24	End pl.	11	4393	41/47	41/47	43.2	23	"	"	
"	"	"	"	9	"	"	"	42.3	29	"	"	245 } 4. L. 246 } 21/8. 247 } 25. 248 }
"	"	25	"	12	4574	"	"	43.6	28	"	"	
"	"	"	"	10	"	"	"	45.3	26	"	"	
"	"	24	Washers	11	4393	"	"	43.2	23	"	"	
"	"	"	"	9	"	"	"	42.3	29	"	"	245 } 4. L. 246 } 21/8. 247 } 25. 248 }
"	"	25	"	12	4574	"	"	43.6	28	"	"	
"	"	"	"	10	"	"	"	45.3	26	"	"	
900	560	25	Double pl.	14	4198	"	"	42.1	26	"	"	
For sketch	"	14	Long. furnace	5	4574	"	"	41.6	29	"	"	245 } 4. L. 246 } 21/8. 247 } 25. 248 }
"	"	"	"	23	5045	"	"	42.1	32	"	"	
"	"	"	"	6	4574	"	"	44.2	25	"	"	
"	"	"	"	"	"	"	"	"	"	"	"	

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  
neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report  
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  
judgment, default, or negligence of the Surveyors, or other Officers or Agents of the Society."

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.

15 JUL 1926

Lloyd's Register  
Foundation



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for Messrs. Offensener Eisenwerk A. G. of Altona - Offensen.

Dimensions. <small>in mm.</small>		Intended for	Sample number	Charge- number	Tensile tenacity <small>kg. p. sq. mm.</small>			Elongation in 200 mm. <small>in %</small>	Bending tests		Remarks.  <i>Lloyd's.</i>
Breadth.	Thick- ness.				As per rules.	Ord- ered.	By test.		Cold.	Tem- pered.	
<i>sketch</i>	20	<i>Tube pl.</i>	17	4393	<i>41/42</i>	<i>41/42</i>	<i>42.5</i>	<i>26</i>	<i>good</i>	<i>good</i>	
"	20	<i>comb. ch. pl.</i>									
"	17	" " "	8	4389	"	"	42.8	29	"	"	
"	17	" " "	22	4371	"	"	45.4	25	"	"	
"	"	" " "	18	"	"	"	45.2	23	"	"	
"	17	" " "	15	4389	"	"	43.0	23	"	"	
<i>750</i>	14	<i>comb. ch. slugs</i>	21	4371	<i>44/55</i>	"	46.0	28	"	"	
"	"	" " "	20	"	"	"	45.8	26	"	"	

*R. Wismeldorf* 4<sup>th</sup> September 1925.

*Paul Schuch*  
Surveyor to Lloyd's Register

