

IE No. 6313.

TELEGRAMS: MEYER, HERMANNSTRASSE 19, DÜSSELDORF.

# Lloyd's Register of Shipping.

Run Apt. No 466.

der 2638.

Surveyors' Office, DÜSSELDORF.

to certify, that Karl Hauf the undersigned surveyor to this society tested in  
rks of Messrs. Thoenig, S.G. für Baugewerke & Maschinenbau of Hoerde  
unverleiblicher Marken Boilersteel plates specified hereunder, ordered  
by Bremer Vulkan, S.G. of Vegesack  
ship No. Boiler No. 630, 631, 632 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	
Length. mm.	Breadth. mm.	Thick-ness. mm.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered.
2755	3170	31,-	shell pl.	588	684	44.50	44.50	47,-	23	good	
				586				44.2	21.5	"	"
10520	3170	31,-	" "	688	703	"	"	44.3	28	"	"
				686				44.1	24	"	"
"	"	"	" "	692	"	"	"	44,-	26	"	"
"	"	"	" "	696	"	"	"	47.5	23	"	"
"	"	"	" "	702	"	"	"	44.7	27	"	"
"	"	"	" "	706	"	"	"	48.2	28	"	"
520	3150	23,-	butt straps	43	684	"	"	49.8	24	"	"
"	"	"	" "	49	"	"	"	45.3	25	"	"
"	2980	28,-	" "	45	"	"	"	45.7	24	"	"
"	"	"	" "	48	"	"	"	47.9	22.5	"	"
to sketch		18,-	rough th. dogs	50	"	"	"	47.7	20	"	"
"	"	"	" "	51	"	"	"	45.4	24	"	"
2420	620	20,-	" " sides	65	683	41.47	41.47	41.5	23	"	"
1480	620	20,-	" " "	63	"	"	"	43.9	26.5	"	"
"	"	"	" " "	64	"	"	"	43.3	23	"	"
5000	620	17,-	" " "	53	"	"	"	42.6	24.5	"	"
"	"	"	" " "	55	"	"	"	42.6	23	"	"
"	"	"	" " "	67	"	"	"	41.4	27	"	"
4800	"	"	" " "	59	"	"	"	43.7	24	"	"
"	"	"	" " "	60	"	"	"	42.1	26	"	"
to sketch		32,-	man hole i.	56	684	"	"	41.2	24	"	"
"	"	13,-	double pl.	42	683	"	"	47,-	23	"	"
"	"	"	" "	44	"	"	"	45.5	23	"	"
"	"	"	" "	46	"	"	"	42.4	25	"	"
"	"	"	" "	47	"	"	"	41,-	26	"	"
"	"	18,-	" "	66	"	"	"	43,-	24	"	"

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  
either the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report  
ificate 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  
ment, 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.

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2638. *Procu. 1.9. Hoerde W. Bremer Vulkan, Veymark. Boilers 630, 631, 632.*

Dimensions. <i>in mm.</i>			Intended for	Sample number	Charge- number	Tensile tenacity <i>kg. p. 29. mm.</i>			Elongation in 200 mm. <i>in %.</i>	Bending tests		Remarks.
Length.	Breadth.	Thick- ness.				As per rules.	Ord- ered.	By test.		Cold.	Tem- pered.	
1600	1280	27-	washers	52	683	44-50	41-47	43,7	23	good		
490	φ	60-	doubl. pl.	62	"	41-47	"	41,1	23	"	"	
440	φ	56-	" "	61	"	"	"	42,1	27	"	"	
1100	300	38-	" "	54	"	"	"	42-	26	"	"	
to sketch		27-	front end pl.	22	507	"	"	42,1	25	"	"	
			"	26				42,6	23,5	"	"	
"	"	"	" " "	12	"	"	"	41,6	26	"	"	
"	"	"	"	16				41,2	23	"	"	
"	"	"	back " "	22	"	"	"	42,1	25	"	"	
			"	26				42,6	23,5	"	"	
"	"	"	" " "	292	503	"	"	42-	25	"	"	
			"	296				42,3	23	"	"	
"	"	26-	front " "	232	503	"	"	41,6	23	"	"	
			"	236				41,6	23	"	"	
"	"	"	" " "	242	"	"	"	41,9	24	"	"	
			"	246				45,1	23,5	"	"	
"	"	"	" " "	252	"	"	"	42,2	25,5	"	"	
			"	256				41,8	25,5	"	"	
"	"	18,5	back " "	18	"	"	"	42,5	26	"	"	
"	"	"	" " "	19	"	"	"	41,9	25	"	"	
"	"	"	" " "	20	"	"	"	41-	25	"	"	
"	"	20-	tube pl.	5	507	"	"	42,4	25	"	"	
"	"	"	" "	6	"	"	"	41,4	24	"	"	
"	"	"	" "	7	498	"	"	42,4	24	"	"	
"	"	"	" "	12	"	"	"	42,1	24	"	"	
"	"	"	" "	9	"	"	"	41,8	25,5	"	"	
"	"	"	" "	9	"	"	"	41,8	25,5	"	"	
"	"	"	" "	10	"	"	"	42,1	24	"	"	
"	"	18-	roub. sh. back pl.	15	507	"	"	41-	26	"	"	
"	"	"	" " "	16	"	"	"	41,3	24,5	"	"	
"	"	"	" " "	3	498	"	"	42,6	26	"	"	
"	"	"	" " "	4	"	"	"	41,3	23	"	"	
100	1000	24-	couper rings	17	495	"	"	42,6	24,5	"	"	
to sketch		16-	roving furn.	34	500	"	36-42	42,5	27	"	"	
"	"	"	" "	35	"	"	"	42,6	24	"	"	
"	"	"	" "	36	"	"	"	42,9	27	"	"	
"	"	"	" "	37	"	"	"	43,7	26	"	"	
"	"	"	" "	38	"	"	"	36,8	27	"	"	

*Düsseldorf, 5<sup>th</sup> June 1920.*

*Carl Stach*  
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Material marked thus: X has been  
ed to special requirements deviating  
the rules and may not be used in the  
uction of boilers for classed vessels  
specially sanctioned by the committee.

signed



Lloyd's Register  
Foundation

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