

# Lloyd's Register of Shipping.

22766.

Hamburg Report Nr. 22443

Surveyors' Office, DÜSSELDORF.

to certify, that Louis Ripley the undersigned surveyor to this Society tested in  
 of Messrs. Mannesmannröhren-Fabrik Akt. Gleimrich-Brennen-Schütte of Shidinger.  
mealed Siemens-Martin Boiler steel plates specified hereunder, ordered  
Messrs. Schwab & Morke A.G. of Kiel  
 ship No. 756 Boiler No. 1525/4. 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.		Remarks.
Length.	Breadth.	Thickness.				By p. sp.	Ordered.	By test.		Cold.	Tempered	

Kr	sketch	30	Ind plate	3	73593	41/44	41/44	43.9	32.0	good	good	490	N.B.
"	"	29	"	9	"	"	"	44.0	32.0	"	"	"	26.9.36.
"	"	"	"	9	"	"	"	44.2	32.0	"	"	"	"
"	"	30	"	3	"	"	"	44.0	32.0	"	"	1417	"
"	"	29	"	8	"	"	"	43.9	30.0	"	"	"	F.S.
"	"	"	"	8	"	"	"	44.3	32.0	"	"	"	5.10.36.
"	"	30	"	2	"	"	"	43.4	30.0	"	"	517	"
"	"	29	"	1	"	"	"	43.9	32.0	"	"	"	N.B.
"	"	"	"	1	"	"	"	44.3	29.0	"	"	"	22.10.36.
"	"	30	"	2	"	"	"	44.4	29.0	"	"	491	"
"	"	23.5	"	10	73558	"	"	43.2	34.0	"	"	"	N.B.
"	"	"	"	10	"	"	"	43.3	33.0	"	"	"	26.9.36.
"	"	30	"	19	73593	"	"	42.1	31.0	"	"	1418	"
"	"	23.5	"	14	73558	"	"	44.1	33.0	"	"	"	F.S.
"	"	"	"	14	"	"	"	44.0	30.0	"	"	"	15.10.36.
"	"	30	"	19	73593	"	"	43.2	29.0	"	"	518	"
"	"	23.5	"	11	73558	"	"	43.8	30.0	"	"	"	N.B.
"	"	"	"	11	"	"	"	43.5	31.0	"	"	"	22.10.36.
"	"	18	Boiler ch. Back plate	18	73593	"	"	44.1	32.0	"	"	492	"
"	"	"	"	18	"	"	"	43.3	27.0	"	"	"	N.B.
"	"	"	"	"	"	"	"	"	"	"	"	493	26.9.36.
"	"	"	"	"	"	"	"	"	"	"	"	1419	"

2 ml sheet

Low Dupin

Louis Ripley

2 ml sheet

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is 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 any of its Committees 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.



22766.

2nd sheet

Dimensions.			Intended for	Sample number	Charge number	Tensile tenacity			Elongation in 200 mm. in %.	Bending tests.		Remarks.
h.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered	
mm						kg. - p. sq. mm						
sketch	18		comb. ch. Back plate	16	43593	41/44	41/44	43.1	31.0	good	good	1420 F.S. 15.10.31.
				16	"	"	"	43.0	29.0	"	"	519 } A.B.
												520 } 22.10.36.
				17	"	"	"	43.0	29.0	"	"	494 } A.B. 26.9.36.
				17	"	"	"	43.8	28.0	"	"	
												1421 F.S. 15.10.31.
												521 } A.B. 22.10.36.
	24		Tube plate	15	43558	"	"	43.2	32.0	"	"	205 } L.R.
	19.4		boiling furnace	12	"	"	"	43.6	32.0	"	"	209 } 30.9.36.
	24		Tube plate	15	"	"	"	42.8	31.0	"	"	1414 } F.S.
	19.4		boiling furnace	13	"	"	"	43.0	31.0	"	"	15.11.36.
	24		Tube plate	15	"	"	"	43.2	32.0	"	"	3464 } A.B.
	19.4		boiling furnace	13	"	"	"	44.4	29.0	"	"	26.10.36.
	24		Tube plate	5	"	"	"	43.5	31.0	"	"	206 } 23.
	19.4		boiling furnace	4	"	"	"	43.2	32.0	"	"	207 } 30.9.36.
	24		Tube plate	5	"	"	"	44.0	33.0	"	"	1454 } F.S.
	19.4		boiling furnace	4	"	"	"	43.1	30.0	"	"	15.10.36.
	24		Tube plate	5	"	"	"	43.5	31.0	"	"	1416 } F.S.
	19.4		boiling furnace	4	"	"	"	43.2	32.0	"	"	15.11.36.
	24		Tube plate	4	"	"	"	43.4	31.0	"	"	
	19.4		boiling furnace	6	"	"	"	42.8	22.0	"	"	
	24		Tube plate	4	"	"	"	44.1	30.0	"	"	3465 } A.B.
	19.4		boiling furnace	49	45595	"	"	42.6	30.0	"	"	26.10.36.
				49	"	"	"	42.6	30.0	"	"	
	24		Tube plate	4	43558	"	"	43.4	31.0	"	"	3466 }
	19.4		boiling furnace	6	"	"	"	43.6	32.0	"	"	
820	620	22	compens. ring	66	42969	"	"	43.4	32.0	"	"	495 } A.B. 26.9.36.
sketch	40		"	44	41763	"	"	43.7	30.0	"	"	1422 F.S. 15.10.36.
			"									522 } A.B. 22.10.36.
			"									
3	3530	2820	25	50	45852	"	"	42.0	35.0	"	"	
				50	"	"	"	42.1	31.0	"	"	
3	3060	830	"	54	45427	"	"	44.3	31.0	"	"	

Lloyd's Register

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22466.

3rd sheet

Dimensions.			Intended for	Sample number	Charge number	Tensile tenacity			Elongation in 200 mm. in %.	Bending tests.		Remarks.
th.	Breadth.	Thick-ness.				As per rules.	Ord-ered.	By test.		Cold.	Tem-pered	
		mm						mm				
100	830	18	bomb. ch. plate	51	453/2	44/47	44/47	44.9	27.0	good	good	
	"	"	"	54	453/2	"	"	44.9	28.0	"	"	
	"	"	"	53	458/52	"	"	43.5	30.0	"	"	
50	"	25	"	55	"	"	"	43.8	31.0	"	"	
	"	"	"	57	"	"	"	43.3	30.0	"	"	
100	"	18	"	59	"	"	"	44.5	31.0	"	"	
	"	"	"	62	"	"	"	43.4	33.0	"	"	
	"	"	"	65	"	"	"	43.7	31.0	"	"	
	"	"	"	67	"	"	"	42.9	32.0	"	"	
	"	"	"	61	"	"	"	45.1	31.0	"	"	
	"	"	"	60	"	"	"	44.4	29.0	"	"	
46	3420	32	Belt strap	52	456/5	44/55	44/52	49.1	28.0	"	"	
60	"	"	"	52	"	"	"	50.3	28.0	"	"	
285	"	39	Shell plate	63	"	"	"	49.5	31.0	"	"	
	"	"	"	63	"	"	"	48.3	30.0	"	"	
	"	"	"	68	"	"	"	49.8	31.0	"	"	
	"	"	"	68	"	"	"	48.5	29.0	"	"	
	"	"	"	69	"	"	"	50.4	28.0	"	"	
	"	"	"	69	"	"	"	48.9	28.0	"	"	
260	560	35	Manhole cover	45	430/34	"	"	48.8	27.0	"	"	
100	320	22	Bomb. plate	56	458/2	"	"	50.5	27.0	"	"	

Einzelstuf 18<sup>th</sup> January 1937

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