

Lloyd's Register of Shipping.

RESULTS OF TESTS OF STEEL.

Made by Messrs The Newcastle Iron Coal Co. Ltd.

For Boilers No. 913 made by The North Eastern Marine Engineering Co. Ltd.
for J. J. Reynolds "new" "Spacia".

Date of Test.	Run No.	Run No.	Charge Mark	Thickness.	Breadth.	Area.	Total Tons.	Tons per square inch.	Extension in 8 ins.
1898	of Plates & Description								
May 7	39	binders 1"	7188 R.R.	1.02	1.48	1.509	44.4	29.4	23
9	8	"	7481 A.A.	.98	1.48	1.45	39.4	27.1	30
"	2	Doubling $\frac{5}{8}$ "	7479 A.A.	.9	1.48	1.332	39.3	29.4	22
"	3	Firebox 1"	7486 A.A.	.9	1.48	1.332	39.3	29.4	22
10	17	binders 1"	7473 R.R.	.995	1.5	1.494	44.8	30.0	21
13	1	Firebox $\frac{11}{16}$ "	7354 F.F.	.675	1.52	1.025	26.9	26.2	25
16	10	Stay Bars $3\frac{1}{2}$ "	7478. 18.	.81	1.53	1.239	34.8	28.1	30
"	4	Butt Straps $1\frac{1}{2}$ "	7552.	1.24	1.53	1.897	57.6	30.3	24
"	2	Manhole $1\frac{1}{2}$ "	7552.	1.24	1.53	1.897	57.6	30.3	24
20	1	E. Tube $\frac{11}{16}$ "	7609 N.	.875	1.53	1.262	36.8	29.1	26
24	1	End $1\frac{1}{16}$ "	6710.	1.425	1.53	2.18	61.0	28.0	25
27	80	Stay Bars $3\frac{1}{2}$ "	7677. 22.	.82	1.53	1.246	38.8	31.1	23
28	1	Shell. $1\frac{1}{32}$ "	7674 C.C.	1.2	1.53	1.836	55.6	30.2	23
"	1	Firebox 1"	7681 C.	.995	1.52	1.51	39.7	28.3	34
June 9	2	Butt Straps $1\frac{1}{2}$ "	7725	1.125	1.53	1.721	50.0	29.0	24
"	2	"	$1\frac{1}{2}$ " 7726 A.	1.2	1.53	1.836	53.5	29.1	26
10	4	E. Tube $\frac{11}{16}$ "	7736 A.	.805	1.57	1.215	34.8	28.6	29
"	1	End $1\frac{1}{16}$ "	7736.	1.455	1.51	2.197	60.8	27.7	25
13	1	Shell. $1\frac{1}{32}$ "	7725 R.R.	1.195	1.51	1.805	54.1	29.9	24
15	2	Firebox $\frac{3}{4}$ "	7780 A.A.	.765	1.5	1.147	31.7	27.6	27
"	3	"	" C.C.	.745	1.5	1.117	30.6	27.4	25
"	3	"	" E.E.	.725	1.5	1.087	30.1	27.7	26
"	14	E. Straps $\frac{1}{2}$ "	7780 C.	.48	1.5	.72	21.0	29.1	22
"	1	Firebox $\frac{21}{32}$ "	7782 H.	.655	1.5	.982	26.5	27.0	25
"	3	"	$\frac{11}{16}$ " 7767 F.F.	.685	1.5	1.028	29.1	28.3	25
"	1	"	$\frac{21}{32}$ " 7783 C.	.66	1.5	.99	27.4	27.6	27
"	2	E. Straps $\frac{1}{2}$ "	7783 A.	.48	1.5	.72	20.1	27.9	28

16

See following.

Lloyd's Register of Shipping.

RESULTS OF TESTS OF STEEL.

Made by Messrs. The Warrdale Iron & Steel Co. Ltd.

For Boilers No. 13. made by The North Eastern Marine Engineering Co. Ltd.
for S.S. "Reginald" from "Glasgow".

Date of Test.	No.	Description	Charge Mark	Thickness	Breadth	Area	Total Tons	Tons per square inch	Extension in 8 ins.
June 16	2	Shell $1\frac{1}{2}$ " 7793. A.	1-135	1.5	1.705	50.8	29.8	24	
"	1	End $\frac{7}{8}$ " 7795. F.	655	1.5	.983	26.3	26.7	29	
"	1	" 7761. D.D.	.66	1.5	.98	25.7	25.9	29	
"	1	End $\frac{7}{8}$ " 7874. A.D.	.83	1.52	1.261	36.9	29.2	28	
"	1	" 7874. C.C.	.83	1.52	1.261	37.0	29.3	30	
30	1	End $\frac{7}{8}$ " 7917. E.E.	795	1.5	1.192	34.7	29.1	24	
July 8	1	End $1\frac{1}{2}$ " 7982. A.A.	1-141	1.54	2.171	64.2	29.6	24	
"	1	" 7982. A.A.	1-1425	1.54	2.194	64.1	29.2	24	
9	1	Shell $1\frac{1}{2}$ " 8013. A.A.	1-23	1.53	1.88	54.8	29.1	26	
18	2	End $\frac{7}{8}$ " 8078. C.C.	.815	1.47	1.198	34.6	26.3	28	
22	1	Shell $1\frac{1}{2}$ " 8131. A.A.	1-225	1.5	1.836	54.3	34.1	24	



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