

Lloyd's Register of Shipping.

RESULTS OF TESTS OF STEEL.

Made by Messrs. William Beardmore & Co., Ltd., Glasgow

For Messrs. Doxford & Sons, Ltd. Sunderland, Engine No.182

Date.	Batch No.	No. of Pieces.	Description.	Charge Mark.	Sample No.	Thickness.	Area.	Tons per square inch.	Extension on 3 inches.	% Bend
Centre Side Rods			3487			798	5	30.2	29	180
"	"	"	8			"	"	31.0	29	"
"	"	"	9			"	"	31.4	31	"
"	"	"	3490			"	"	30.2	29	"
"	"	"	1			"	"	30.8	29	"
"	"	"	2			"	"	30.18	32	-
"	"	"	3			"	"	31.4	29	180
"	"	"	4			"	"	30.0	30	"
Upper Piston Rod			3506			"	"	30.4	31	"
"	"	"	7			"	"	31.2	29	"
"	"	"	8			"	"	30.6	29	"
"	"	"	9			"	"	30.4	28	"
Side Conn. Rod.			3485			"	"	30.6	30	"
"	"	"	6			"	"	30.6	30	"
Centre Conn. Rod.			3489			"	"	31.4	31	"
"	"	"	3490			"	"	30.2	29	"
"	"	"	1			"	"	31.4	29	"
"	"	"	2			"	"	30.8	30	"
Gudgeon Pins			2961			"	"	44.4	20	"
Transverse Pin.			2966			"	"	46.6	23	"
N.S. Keeps.			3524/5T			"	"	47.2	22	"
"	"		3526/7B			"	"	47.4	22	"
Air Tank Valves			2962 (2 off)			"	"	30.6	29	"
Bodies			3 (2 off)			"	"	30.4	32	"
Worm Shaft			3022			"	"	31.8	31	"
Fulcrim Shaft			2948 (2 off)			"	"	30.6	29	"

W11-0051 (1/2)

© 2019
Lloyd's Register
Foundation
3/7/1930

5m, 9.20. T.

Rpt. 15.

Lloyd's Register of Shipping.

RESULTS OF TESTS OF STEEL.

Made by Messrs. William Beardmore & Co., Ltd., Glasgow

For Messrs. Doxford & Sons, Ltd. Sunderland, Engine No. 182

Date.	Batch No.	No. of Pieces.	Description.	Charge Mark.	Sample No.	Thickness.	Area.	Tons per square inch.	Extension on..... <u>3</u>inches.	% Bend
			Scavenger Pump			798	5	31.0	30	180
			Piston rod.							
			Crossheads			"	"	31.4	29	"
			Shrunk Rings			"	"	31.4	26	"
			After end pins			"	"	30.6	32	"
			Side Rods			"	"	30.4	31	"
			Main pistons			"	"	30.0	31	"
			Pump Crankshaft			"	"	31.2	30	"
			Fulcrim Spindle			"	"	30.6	28	"
			N.S. Transverse pin			"	"	46.6	23	"

Alexander Fletcher
3/4/1930



© 2019

Lloyd's Register
Foundation

W11-0051 (2/2)