

Lloyd's Register of British & Foreign Shipping.

RESULTS OF TESTS OF STEEL

Forgings & Castings

Made by *The Darlington Forge Co. Ltd.*

For *Messrs. Charles S. P. Rang & Co. Ltd. Hull*
Engine 624

Date of Test.	Batch No.	Test No.	Charge Mark.	Thickness.	Breadth. Dia.	Area.	Tons, Total.	Tons per square inch.	Extension in 3 ins. %	Remarks
Crank Ends		764			7.98	50	14.4	28.8	33.3	180
" Webs		772			"	"	15.0	30.0	29.6	"
" Pins		810			"	"	14.2	28.4	32.0	"
" Spare										
" Webs		40			"	"	16.0	32.0	28.6	"
" Ends & Pins		42			"	"	15.6	31.2	30.0	"
Crust Shaft		824			"	"	15.3	30.6	30.0	"
2 Round Bars 5"		316			"	"	16.0	32.0	30.0	"
2 " " 7"		318			"	"	"	"	"	"
2 Main Bearing Caps		837			"	"	14.1	34.2	24.0	120
3 " " "		855			"	"	16.7	33.4	27.3	"
2 " " "		885			"	"	16.3	32.6	29.0	"
4 Crosshead Slippers		839			"	"	15.8	31.6	30.0	"
4 Ecc. Shafts		857			"	"	15.5	31.0	32.0	"
4 " " "		897			"	"	16.6	33.2	28.0	"
1 Buckle ^d Slip. Valve		299			"	"	16.1	32.2	26.6	"
1 " " "		261			"	"	14.3	34.6	30.0	"
3 Boiler Slip. " "		299			"	"	16.1	32.2	26.6	"
3 " " "		357			"	"	15.9	31.8	24.6	"
3 Covers		353			"	"	14.5	35.0	28.0	"
3 " " "		359			"	"	14.5	35.0	24.0	"
1 Case Steam Branch Pipe		363			"	"	17.5	35.0	20.6	"
1 " " "		"			"	"	"	"	"	"
3 Covers Buckle ^d Valve		365			"	"	15.4	30.8	31.0	"

Dates for Castings 20-10-16 to 6-11-17

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