

16. T.

15.

Lloyd's Register of Shipping.

RESULTS OF TESTS OF STEEL

Made by *The Darlington Forge Ltd.*

For *Messrs Central Marine Engine Works, West Hullpool* *E93B*

Test.	Batch No.	Test No.	Charge Mark.	Thickness.	Breadth. <i>Dia</i>	Area.	Total, Tons.	Tons per square inch.	Extension in 3 ins. %
<i>R Ends</i>		<i>476</i>			<i>798</i>	<i>50</i>	<i>16.0</i>	<i>32.0</i>	<i>30.0</i>
		<i>476</i>			<i>.</i>	<i>.</i>	<i>15.8</i>	<i>31.6</i>	<i>32.0</i>
<i>Spins</i>		<i>478</i>			<i>.</i>	<i>.</i>	<i>14.0</i>	<i>28.0</i>	<i>35.0</i>
<i>Shaft</i>		<i>690</i>			<i>.</i>	<i>.</i>	<i>16.0</i>	<i>32.0</i>	<i>32.0</i>
		<i>472</i>			<i>.</i>	<i>.</i>	<i>16.0</i>	<i>32.0</i>	<i>31.0</i>
		<i>474</i>			<i>.</i>	<i>.</i>	<i>16.0</i>	<i>32.0</i>	<i>32.0</i>
		<i>500</i>			<i>.</i>	<i>.</i>	<i>15.9</i>	<i>31.8</i>	<i>30.0</i>
		<i>586</i>			<i>.</i>	<i>.</i>	<i>14.9</i>	<i>29.8</i>	<i>29.0</i>
		<i>706</i>			<i>.</i>	<i>.</i>	<i>16.0</i>	<i>32.0</i>	<i>29.0</i>
		<i>272</i>			<i>.</i>	<i>.</i>	<i>15.7</i>	<i>31.4</i>	<i>30.0</i>
		<i>528</i>			<i>.</i>	<i>.</i>	<i>14.6</i>	<i>29.2</i>	<i>35.0</i>

all Ends angle of 180 without Fracture

M. Robertson

Darlington 10.6.20



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Lloyd's Register Foundation

007352-007362-0251

Date of Test

Date of Approval of Plan

Tested by Hydro

Is a Safety Valve fitted to each Section of the Superheater which can be shut off