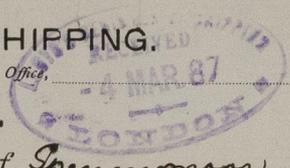


No. 565

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 24 Steel Plates manufactured by *Wardale Iron Works Co of Spennymoor* for Boiler No. 16 to be constructed by *Central Marine Eng Co of West Hillpool*, for

Date first visit *22. 2. 87* last visit _____ No. of visits *1*

The *Plates* specified in the accompanying copy of Advice Notes were rolled from *6* charges. The tensile test has been applied to *13* samples as set forth below, and the temper and bending tests *were satisfactory.*

When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge.	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins. %	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.]		
	<i>Compensating Ring.</i>										
	<i>Shell</i>										
	"										
	"										
	"										
	<i>Cover plates</i>										
	<i>Gusset "</i>										
	<i>2 3/8" R. Bars</i>	<i>2503</i>	<i>29</i>	<i>2503</i>	<i>1.76</i>	<i>dia</i>	<i>2.43</i>	<i>66.50</i>	<i>27.3</i>	<i>28</i>	
	"	"	<i>30</i>	"	<i>1.73</i>	"	<i>2.35</i>	<i>64.42</i>	<i>27.5</i>	<i>30</i>	
	"	"	<i>4</i>	"	"	"	<i>2.35</i>	<i>64.28</i>	<i>27.3</i>	<i>27</i>	
	<i>2 1/4"</i>	"	<i>11</i>	"	<i>1.74</i>	"	<i>2.34</i>	<i>62.04</i>	<i>26.1</i>	<i>30</i>	
	<i>1 1/2"</i>	"	<i>22</i>	"	<i>1.50</i>	"	<i>1.76</i>	<i>50.44</i>	<i>28.6</i>	<i>32</i>	
	"	"	<i>23</i>	"	<i>1.51</i>	"	<i>1.79</i>	<i>48.90</i>	<i>27.3</i>	<i>32</i>	

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by



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 Foundation

D.P. 5/3/87