

No. 1005



TESTS OF BOILER STEEL.

Tests of Steel Plates manufactured by *Keardale Iron Coal Co of Spennymoor* for Boiler No. *940* to be constructed by *Blain & Co* of *Stockton* for *H.S. Edward Sons No 38 Kessel*.

Date first visit *18.11.87* last visit _____ No. of visits *1*

The *Plates* specified in the accompanying copy of Advice Notes were rolled from *3* charges. The tensile test has been applied to *3* samples as set forth below, and the temper and bending tests *applied to a shearny from each,* were good.

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>Shell</i>		<i>4469B</i>	<i>1.08</i>	<i>1.52</i>	<i>1.641</i>	<i>44.86</i>	<i>27.3</i>	<i>25</i>		
	<i>frames</i>		<i>4470</i>	<i>.87</i>	<i>"</i>	<i>1.322</i>	<i>37.72</i>	<i>28.5</i>	<i>23</i>		
	<i>Shell straps</i>		<i>4469E</i>	<i>.93</i>	<i>"</i>	<i>1.413</i>	<i>58.83</i>	<i>27.4</i>	<i>25</i>		

W.A. Austin
26.11.87

Fee £ : :
Expenses £ : :
£ : :

To be paid by

