

Form No. 1/16/7.

Tests Taken from S/S "Alster"  
Shell Plates (German)  
S&S 9609

CARGO FLEET IRON COMPANY, LIMITED.

## TENSILE TESTS.

SIEMENS' BASIC OPEN HEARTH.

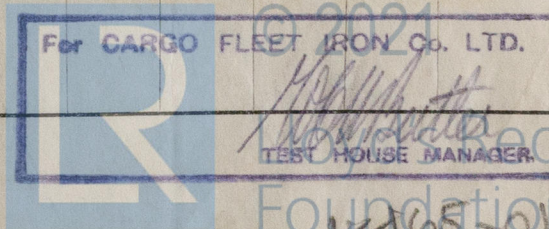
Rm  
Open hearth

SEP -2 1940

DESCRIPTION.	Date	Cast	No. of Test.	Dimensions of Section of Test Piece.			Breaking		Elongation		Dimensions of Section after being broken.			Reduction	Yield Point		Remarks
				Breadth	Thick	Area	Load in Tons	Stress sq. inch in Tons	Total	%	Breadth	Thick	Area	%	Total in Tons	Per sq. inch in Tons	
	19/7/40	HH5	150	72	1.08	29.8	27.6		25								
		"	"	70	1.05	29.4	28.0		27								
		VH5	"	71	1.065	30.4	28.5		25								
		"	"	71	1.065	30.0	28.2		23								
		HJ16	"	69	1.035	28.0	27.0		27								
		"	"	70	1.05	28.0	26.6		24								
		VJ16	"	70	1.05	28.5	27.1		25								
		"	"	70	1.05	29.0	27.6		25								
		HJ7	"	66	.990	28.9	29.2		23								
		"	"	67	1.005	28.1	27.9		23								
		VJ7	"	67	1.005	28.5	28.3		23								
		"	"	67	1.005	28.0	27.8		26								

Bend test satisfactory

h. P. P. P.



W165-0120