

BOILER.
SCALE: - 1½ INCH = 1 FOOT.

$$\text{RIVET \%} = \frac{100 \times 23 \times .6 \times 3 \times 1.875}{29 \times 4.625 \times .656} = 88.2\%$$

$$\frac{\text{SHELL}}{2.75 \times 106.6875} = \frac{(21 - 2) \times 29 \times 81\%}{106.6875} = 152 \text{ LBS}$$

PARTICULARS FOR ONE BOILER				2 BL
HEATING SURFACE	TUBE	=	3960 #	
"	FURNACES	"	1140 #	
"	SIDES & TOP	"	1140 #	
"	BACKS	"	2320 #	
"	BACK TUBE PLATE	"	2320 #	
"	FRONT	"	1212 #	
"	TOTAL	"	16660 #	216
AREA TWO TUBES	"	=	3.98 #	794
AREA " FURNACE THROAT	5 4 #		1089 #	1089
TESTS OF MATERIAL				
SHELL PLATES	29 - 33 TONS	PER	"	
BUTT STRAPS	29 - 33	"	"	
GIRDERS	29 - 33	"	"	
MANNOLLE DOORS	29 - 33	"	"	
AL COMB CHLY FLANGING PLS	26 - 30	"	"	
FURNACES	26 - 30	"	"	
STEAM SPACE STRAYS	28 - 31	"	"	
SCREWED	"	26 - 30	"	

TRACING NO 762
CONTRACT NO 2

W 404 - 2040(1/2)

N. E. M. E. CO., LIMITED, WALLSEND.

—
ENCLOSURE
FOR

Messrs.....

Lloyd's Surveyors

Hele - on - Lane

The North Eastern Marine Eng. Co. Ltd.

Cont. No 2841

Donkey Boilers

W.P. 150 lbs./sq.

Boilers Stamped

Wm Pickersgill & Sons Motor Vessel

No 232

M.V. "HYLTON"
NEWCASTLE ON TYNE.

Report No. 94605

Boilers Stamped

No 686

LLOYD'S TEST

275 lbs./sq.

W.P. 150 lbs./sq.

H.C.F. 3.9.36

H.C.

H.V. = 2092

N.P. 139

RETAIN

2116
24
2092

W 404-0041(2/2)

Approved 21.11.35



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Lloyd's Register
Foundation