

No. 1427.

Received at London Office

MON. 3 JAN. 1921

TICAL DONKEY BOILER— No. One Description Multitubular Manufacturers of steel Lukens I & S. Co.
 at Wilmington By whom made Bethlehem S. B. Corp. When made 1920 Where fixed Stockhold Working pressure 125
 by hydraulic pressure to 120 Date of test 9-12-19 No. of Certificate 404 Fire grate area 4.90 Description of safety valves 1 spring loaded
 safety valves 1 Area of each 3.14 Pressure to which they are adjusted 125 If fitted with easing gear yes If steam from main boilers can
 be donkey boiler no Dia. of donkey boiler 3'-0" Length 6'-0" Material of shell plates steel Thickness 11/32" Range of tensile
 strength 60,700,000 Descrip. of riveting long. seams D.R. lap Dia. of rivet holes 3/4" Whether punched or drilled dulled Pitch of rivets 2 3/4"
 plating 4" Per centage of strength of joint Rivets 79.4 Working pressure of shell by rules 138 lbs Thickness of shell crown plates 1/2
 of do. flat No. of Stays to do. 72.7 Tubes beaded Dia. of stays ✓ Diameter of furnace Top 30" Bottom 30" Length of furnace 19 5/8
 thickness of furnace plates 3/8 Description of joint S.R. lap Working pressure of furnace by rules 154 lbs Thickness of furnace crown
 plates 7/16 Radius of do. flat Stayed by tubes beaded Diameter of uptake 2" Thickness of uptake plates 1/80
 thickness of water tubes ✓ 1/32 1/64 1/95

BETHLEHEM S. B. CORP. N. Y. The foregoing is a correct description,

BETHLEHEM S.B. CORP^N L^{TD}
FORE RIVER PLANT

The foregoing is a correct description,

Manufacturer.

GEN \sqsubseteq MANAGER

2y	{ During progress of work in shops - - }	1920 Nov 15, 21
g	{ During erection on board vessel - - }	2
	Total No. of visits	

Is the approved plan of boiler forwarded herewith Retained for
1387/8.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

This donkey boiler has been built under Special Survey in accordance with the Rules & approved plans, & the workmanship & material are good, as per Philadelphia report 3586 rewith. It has now been fitted on board under Special Survey in accordance with the Rules, & it has been satisfactorily tested & its safety valve adjusted under steam. It is now in good & safe working condition & eligible, in my opinion, to receive notation 125 lbs (in italics) in the Register Book.

Survey Fee	Philadelphia	£	\$ 35.00 :
	Boston		10.00 :
Travelling Expenses (if any)		£	:
	Philadelphia		2.00

When applied for, 7 Dec 1920
When received, 1071/4 1920

John S. Heck

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

signed. See Box 1427

Lloyd's Register
Foundation

v992-0202