

REPORT ON BOILERS.

No. 3205

Date of writing Report 21 April 1919 When handed in at Local Office 22 April 1919 Port of Philadelphia
No. in Reg. Book. Camden 7 J Date, First Survey 21 Nov 1917 Last Survey 17 April 1919
on the S.S. Gulf Queen (Number of Visits 57) Gross 6795.85 Tons Net 4904
Master Ligana Built at Camden 7 J By whom built New York Ship Corp When built 1919
Boilers made at Camden 7 J By whom made New York Ship Corp When made 1919
Owners Gulf Refining Company Port belonging to Port Arthur Texas

VERTICAL DONKEY BOILER— No. 1 Description Test State Manufacturers of steel Carnegie Steel
Made at Camden By whom made New York Ship Corp When made 1919 Where fixed Stokehold Working pressure 120
tested by hydraulic pressure to 180 Date of test 10-1-19 No. of Certificate 267 Fire grate area 4.35 Description of safety valves 1 Spring loaded
No. of safety valves 1 Area of each 3.14 Pressure to which they are adjusted 120 If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 2.10 Length 6.6 Material of shell plates Steel Thickness 5/16 Range of tensile strength 62720 Descrip. of riveting long. seams DR Lap Dia. of rivet holes 1/16 Whether punched or drilled drilled Pitch of rivets 2.28
Lap of plating 3 1/2 Per centage of strength of joint 73.1 Rivets 73.1 Plates 69.8 Working pressure of shell by rules 125 lb Thickness of shell crown plates 1/2
Radius of do. flat No. of Stays to do. tubes Dia. of stays 1 Diameter of furnace Top 2.4 1/4 Bottom 2.4 1/4 Length of furnace 23 1/2
Thickness of furnace plates 1/32 Description of joint Lap SR Working pressure of furnace by rules 138 Thickness of furnace crown plates 3/8 Radius of do. flat Stayed by tubes Diameter of uptake 2.2 Thickness of uptake plates 1/8
Thickness of water tubes 1/8

The foregoing is a correct description,
New York Shipbuilding Corp Manufacturer.
P.W. Young

Dates { During progress of work in shops - - }
of Survey { During erection on board vessel - - }
while building { Total No. of visits - - }

See Report No 4

Is the approved plan of boiler forwarded herewith Yes

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

Survey Fee ... £ : : When applied for, ... 19
Travelling Expenses (if any) £ : : When received, ... 19

A. T. Thomas J. Adamson
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York APR 29 1919
Assigned See Phil No 3205