

REPORT ON WATER TUBE BOILERS.

No. 35215
JAN 1960

Date of writing Report 4th Jan. 1960 When handed in at Local Office 10-1-1960 Port of ANTWERP
No. in Survey held at Tamise Date, First Survey 17/6/59 Last Survey 5.12.1959
Reg. Book. 40444 on the m.v. "HECTOR HAWK" (Number of Visits 12) Gross 16300
Built at Tamise, Belgium By whom built J. Boel & Son S/A. Yard No. 1362 Tons Net 112
Engines made at Copenhagen By whom made Messrs. Burmeister & Wain Engine No. 6488 When built 1959-12
Boilers made at Aalborg By whom made Aalborg Vaerft A/S. Boiler No. 1732-33 When made 1959-2
S for Register Book 30140 sq.ft. (280m2) Owners Hector Whaling Ltd. Port belonging to London

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers of Steel.

No. and Description or Type
Working Pressure Tested by Hydraulic Pressure to Date of Test
Can each boiler be worked separately
Total Heating Surface of Boilers
Is forced draught fitted
Area of Fire Grate (coal) in each Boiler
Superheaters

No. and description of safety valves on
each boiler
Area of each set of valves per boiler
per rule
as fitted
Pressure to which they
are adjusted
Primary 50 Kg/cm2
Secondary 13.5 Kg/cm2
Are they fitted with easing gear

In case of donkey boilers state whether steam from main boilers can enter
Smallest distance between boilers or uptakes and bunkers or woodwork
Height of boiler
Steam Drums:—Number in each boiler
Inside diameter
Range of tensile strength
Are drum shell plates welded

Have all the requirements of the Rules
Description of riveting:—Circ. seams
long. seams
Pitch of rivets
Thickness of straps
Percentage strength of
Diameter of tube holes in drum
Pitch of tube holes

Steam Drum Heads or Ends:—Range of tensile strength
Size of manhole or handhole
Water Drums:—Number
Are drum shell plates
Have all the requirements of the Rules
Description of riveting:—Circ. seams
long. seams
Pitch of rivets
Thickness of straps
Percentage strength of

Diameter of tube holes in drum
Pitch of tube holes
Water Drum Heads or Ends:—Range of tensile strength
Size of manhole or handhole
Tested by hydraulic pressure to
Steam Dome or Collector:—Description of
Range of tensile
If fusion welded, state name of welding

Have all the requirements for the Rules for Class I vessels been complied with
Diameter of rivet holes
Thickness of straps
Percentage strength of long. joint
plate
rivet
Radius or how stayed
Inside diameter
Thickness of shell plates

Description of longitudinal joint
If fusion welded, state name of welding
Have all the requirements for the Rules for Class I vessels been complied with
Diameter of rivet holes
Thickness of straps
Percentage strength of long. joint
plate
rivet
Radius or how stayed
Inside diameter

Are drum shell plates welded
Have all the requirements of the Rules
Description of riveting:—Circ. seams
long. seams
Pitch of rivets
Thickness of straps
Percentage strength of
Diameter of tube holes in drum
Pitch of tube holes
Percentage strength of

Drum Heads or Ends:—Range of tensile strength
Size of manhole or handhole
Number, diameter, and thickness of tubes
Is a safety valve fitted to each section of the superheater which
Area of each set
valves
Pressure to which they are adjusted 13.5 Kg/cm2
Is easing gear fitted yes

Has the spare gear required by the Rules been supplied

The foregoing is a correct description,
Manufacturer.

Is the approved plan of boiler forwarded herewith
Total No. of visits 14
During progress of work in shops - -
During erection on board vessel - -
1959:—June 12, 24, Oct. 14, 22, 28, 29, 30, Dec. 1, 2, 3, 5, Nov. 10

If so, state vessel's name and report No. m.t. "ELEFTHEROUPOLIS".
Ant. Rpt. No. 33310.

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. These boilers have been installed in the
above vessel under special survey of the Society's Surveyors in accordance with the Rules.
The connecting pipes from the upper to lower parts of the boilers have been installed, welded,
hydraulically tested and found tight. The safety valves have been adjusted under steam to the
pressures as noted above and a satisfactory accumulation test has been carried out.

Survey Fee ... £
Travelling Expenses (if any) £
Rpt. 46:
When applied for 12 Jan. 1960
When received 19

IFRIDAY - 4 MAR 1960
Date
Committee's minute
See Rpt. 1.

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Engineer Surveyor to Lloyd's Register of Shipping.
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