

REPORT ON WATER TUBE BOILERS.

ECONOMISER

No. FEH 076

23rd April 1964
of writing Report 19 When handed in at Local Office 19 Port of Gdansk
Survey held at Gdansk & Gdynia Date, First Survey 19.3.63 Last Survey 15th Feb. 1964
Book. 11 on the N.V. "FRANCESCO NULLO" (Number of Visits 5) Gross 6600 Tons
at Gdynia By whom built St. im. Kom. Paryskiej Yard No. B 41/1 When built 1963-64
ines made at Poznan By whom made Zakl. Przem. Met. H. Cegielski Engine No. 001 When made 1963
ers made at Gdansk By whom made Stocznia Gdanska Boiler No. 2057 When made 1963
for Register Book Owners Polish Government Port belonging to Gdansk

ECONOMISER
TER TUBE BOILERS - MAIN, AUXILIARY OR DONKEY - Manufacturers of Steel Huta Batory, Huta Jednosć

of Approval of plan 27th Oct. 1961 No. and Description of Type

Economisers, One, "LAMONT" type, gas heated Working Pressure 7 kgs/cm² Tested by Hydraulic Pressure to 14 kgs/cm² Date of Test 5-4-63

of Certificate GDK 097A Can each boiler be worked separately - Total Heating Surface of Boilers 135.5 m² Superheaters -

f Economisers - Is forced draught fitted - Area of Fire Grate (coal) in each Boiler -

and type of burners (oil) in each boiler - No. and description of safety valves on

OMISER one, twin, improved high lift type Area of each set of valves per boiler per rule 2570 mm² as fitted 3920 mm² Pressure to which they

adjusted 7 kgs/cm² Are they fitted with easing gear yes In case of donkey boilers state whether steam from main boilers can enter

donkey boiler - Smallest distance between boilers or uptakes and bunkers or woodwork - Height of Economiser

th and length Circ. Dia 2140 mm Steam Drums: Number in each boiler - Inside diameter -

ckness of plates - Range of tensile strength - Are drum shell plates welded

anged - If fusion welded, state name of welding firm - Have all the requirements of the Rules

Class I vessels been complied with - Description of riveting: Circ. seams - long. seams -

meter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of

. joint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -

centage strength of shell in way of tubes - Steam Drum Heads or Ends: Range of tensile strength -

ckness of plates - Radius or how stayed - Size of manhole or handhole - Water Drums: Number

ach boiler - Inside diameter - Thickness of plates - Range of tensile strength - Are drum shell plates

ed or flanged - If fusion welded, state name of welding firm - Have all the requirements of the Rules

Class I vessels been complied with - Description of riveting: Circ. seams - long. seams -

eter of rivet holes in long. seams - Pitch of rivets - Thickness of straps -

LR Percentage strength of long. joint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes -

centage strength of drum shell in way of tubes - Water Drum Heads or Ends: Range of tensile strength -

ckness of plates - Radius or how stayed - Size of manhole or handhole -

2054/UBULAR ders or Sections: Number two Material SM Steel Thickness 6 mms Tested by hydraulic pressure to 14 kgs/cm²

14.12/EL ELEMENTS Diameter 32 mms Thickness 3 mms Number 21 Steam Dome or Collector: Description of

28.12/ to shell - Inside diameter - Thickness of shell plates - Range of tensile

length - Description of longitudinal joint - If fusion welded, state name of welding

h of rivets - 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 -

wn or End Plates: Range of tensile strength - Thickness - Radius or how stayed -

PERHEATER, Drums or Headers: Number in each boiler - Inside diameter -

ckness - Material - Range of tensile strength - Are drum shell plates welded

anged - If fusion welded, state name of welding firm - Have all the requirements of the Rules

Class I vessels been complied with - Description of riveting: Circ. seams - long. seams -

meter of rivet holes in long. seams - Pitch of rivets - Thickness of straps - Percentage strength of

. joint: Plate - Rivet - Diameter of tube holes in drum - Pitch of tube holes - Percentage strength of

n shell in way of tubes - Drum Heads or Ends: Thickness - Range of tensile strength -

ius or how stayed - Size of manhole or handhole - Number, diameter, and thickness of tubes -

ed by hydraulic pressure to - Date of test - Is a safety valve fitted to each section of the superheater which

be shut off from the boiler - No. and description of safety valves - Area of each set

alves - Pressure to which they are adjusted - Is easing gear fitted -

2-62re Gear. Has the spare gear required by the Rules been supplied -

The foregoing is a correct description, Manufacturer.

During progress of work in shops 19, 23.3; 5.4.1963 Is the approved plan of boiler forwarded herewith no

During erection on board vessel 29, 12, 1963; 15.2.1964 Total No. of visits 5

Is boiler a duplicate of a previous case yes If so, state vessel's name and report No. M.V. "KOLEJARZ" FEMO74

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c. The "LAMONT" Exhaust hear Economiser

scribed herein has been constructed under Special Survey, in accordance with the Rules,

cretary's letter and approved plans. The materials used and the workmanship are good. The Economiser

been installed on board the MV "FRANCESCO NULLO" and the safety valves have been adjusted under

am pressure to open at 7 kgs/cm². It is submitted that this Economiser is eligible for classification

h the Society. Comprt. rings distances Fwd 8.8 mms, Aft 7.5 mms

Survey Fee £ 420.- & £ 8-10% = £ 7.50 When applied for 31.1.64 19

Travelling Expenses (if any) £ : : When received 12.3.64 19

(z) amount only

FRIDAY 19 JUN 1964

Date

Committee's minute

See Rpt. 46

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