

Rpt. 5c (Inst.)

REPORT ON INSTALLATION OF WATERTUBE BOILER

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London
13. AUG. 1965

Ship's name	"RAPHAEL"	Port	GENOA
Gross tons	31,133	Date of completing rpt.	25/5/1965
Attached to (Port)	GENOA	Rpt. No.	30070
No. of visits on ship	18	Place of survey, if different from above	
Ship built by	ANSALDO SESTRI	First date	4/12/64
Boiler installed by	ANSALDO SESTRI	Last date	6/5/1965
		Yard No.	1598
		When	1965
		When	5
*Main auxiliary or donkey Auxiliary		Forced and/or induced draught	
(See Key to R.B.)		forced	
*No. of boilers		two	
*HEATING SURFACE, EACH BOILER		Type of air heater	
Water tubes (including waterwalls)		air is heated by	
Superheater tubes		circulating around boiler casing	
Economiser tubes (half only)		before entering combustion space.	
Total		Fuel (or source of heat)	
385m2x2		oil fuel	
*Designed evaporation, each boiler at max. continuous service rating		No. of burners, each boiler	
10,500Kg/hr		one	
*Approved temperature of steam at superheater outlet		Name of oil-burning system	
*Nominal composition of material for principal boiler mountings for (a) saturated and (b) superheated steam		"SAACKE" (German)	
(a) cast steel		Name of combustion control system, if fitted	
(b) none		HAGAN	
*Desuperheater		No. and type of water-level indicators fitted to each boiler	
Port		Two Klinger, flat glass plus one remote reading in E.R.	
†Cert. No.		Type of feed-water regulators fitted to each boiler	
*Economiser		"THERMOKIMIK"	
Port		How temperature of superheated steam controlled?	
†Cert. No.		Are drain cocks or valves fitted to feed superheater from water where necessary?	
*Superheater		Are drain cocks or valves fitted to principal boiler mountings for steam?	
Port		yes	
†Cert. No.		Least distance between boilers, up to and including and O.F. tanks (in m.)	
*Reheat unit		1 meter	
Port		Has the spare gear required by the Rules been supplied?	
†Cert. No.		yes	

4m.9.64
(MADE AND PRINTED IN ENGLAND)

Date of Committee

Minute

†Copy to be forwarded

FRIDAY - 3 SEP 1965

See Rpt. 1.



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Lloyd's Register
Foundation

012728-012733-0105

NOTE:—The particulars in this report are to be stated as fully and clearly as practicable. Where the answer is "no" or "none", say so. Ticks and other signs of doubtful meaning are not to be used. Wording not applicable to be cancelled. Where items are marked with an asterisk * the particulars need not be repeated here if they are given on the relevant Rpt. 5c(Cons).

SAFETY VALVES

Saturated steam

~~Superheated steam~~

*Type (ordinary, high lift, full lift, &c.)

Full bore, pilot operated

*Makers

Cockburn

*No. & diameter each boiler

As approved

one double. 65mm.dia.

As fitted

" " " "

*Material of chest:
Nominal composition

cast steel.

Are drains fitted to all safety valve chests?

yes

From what positions can the easing gear be worked?

Boiler control platform.

Material of waste steam pipes and expansion pieces

solid drawn m.s.

Material of silencers, if fitted

none

DECLARATION TO BE SIGNED BY INSTALLING ENGINEERS

To the best of our knowledge this boiler has been installed in conformity with the Rules, regulations and requirements of Lloyd's Register of Shipping, and the foregoing particulars of installation of boiler are correct.

15 GIU 1965

(date)

ANSALDO Sp.A. - CAN

Il Direttore

(signature)

A previous similar case was for

(Name) m.t. "GIUSEPPE VERDI"

Port GENOA

Rpt. No. 29569

DECLARATION TO BE COMPLETED AND SIGNED BY SURVEYOR AT PORT OF INSTALLATION

The boiler(s) described in (port) GENOA

have

Rpt. Sc ~~Cross~~ No. same No. attached / been fitted in the (Name) m.t. "RAPHAEL" - Yard No. 1598 -

under my inspection in accordance with the Rules, approved plans and Secretary's letters, examined under full steaming conditions and the safety valves adjusted to the following pressures:—

Saturated steam safety valves

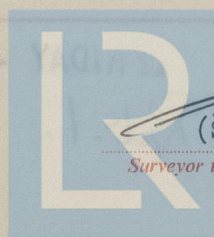
12 Kg/cm²~~Superheated steam safety valves~~

none

An accumulation test was ~~(not)~~ carried out; ~~Examination was approved~~ (Date) 4th May, 1965.

The boiler installation is eligible, in my opinion, for the notation:

2 W.T.Aux.B; 1701b. 5/65.



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(S. DINNEN)

Surveyor to Lloyd's Register of Shipping

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