

Continuation in REPORT ON BOILERS.

No. 6655

MUN. 6 JUN 1910

Date of writing Report _____ 19 _____ When handed in at Local Office _____ 19 _____ Port of Rotterdam

No. in Survey held at Rotterdam Date, First Survey _____ Last Survey _____ 19 _____

Reg. Book. _____ on the S.S. Moordrecht (Number of Visits _____) Tons } Gross }
Net }

Master _____ Built at _____ By whom built _____ When built _____

Engines made at _____ By whom made _____ when made _____

Boilers made at _____ By whom made _____ when made _____

Registered Horse Power _____ Owners _____ Port belonging to _____

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Schulz Kraudt - Brodinger
Iron & steel works.

(Letter for record 5) Total Heating Surface of Boilers 404.59 ft Is forced draught fitted no No. and Description of Boilers One single ended Marine Working Pressure 100 lb Tested by hydraulic pressure to 171 lb Date of test 9/3/10

No. of Certificate 278 Can each boiler be worked separately Area of fire grate in each boiler 12 sq ft No. and Description of safety valves to each boiler 2 Spring loaded Area of each valve 7.07 sq in Pressure to which they are adjusted 100 lb

Are they fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler no

Smallest distance between boilers or uptakes and bunkers or woodwork about 12 in Mean dia. of boilers 7'-6 9/16 in Length 7'-6 in

Material of shell plates steel Thickness 1/2 in Range of tensile strength 28-32 T Are the shell plates welded or flanged no

Descrip. of riveting: cir. seams lap, s&l r. long. seams dbl butt, dbl r. Diameter of rivet holes in long. seams 3/4 in Pitch of rivets 3 5/16 in

Lap of plates or width of butt straps 7 3/4 in Per centages of strength of longitudinal joint rivets 79 Working pressure of shell by plate 77.3

rules 112 lb Size of manhole in shell 12 in x 16 in Size of compensating ring 5 in x 5/8 in No. and Description of Furnaces in each boiler One plain Material steel Outside diameter 34 7/8 in Length of plain part 4'-2" Thickness of plates 4'-2" crown } 7/16 in bottom }

Description of longitudinal joint welded No. of strengthening rings 0 Working pressure of furnace by the rules 118 lb Combustion chamber plates: Material steel Thickness: Sides 17/32 in Back 9/16 in Top 17/32 in Bottom 17/32 in Pitch of stays to ditto: Sides 7 1/2 in Back 8 3/4 x 9 in

Top 7 1/2 in If stays are fitted with nuts or riveted heads riveted Working pressure by rules 102 lb Material of stays steel Area Diameter at smallest part 2.59

smallest part .989 sq in Area supported by each stay 78.78 Working pressure by rules 100 End plates in steam space: Material steel Thickness 11/16 in

Pitch of stays 15 in How are stays secured double nuts Working pressure by rules 118 Material of stays steel Area Diameter at smallest part 2.59

Area supported by each stay 225 Working pressure by rules 119 Material of Front plates at bottom steel Thickness 13/16 in Material of Lower back plate steel Thickness 11/16 in Greatest pitch of stays 0 Working pressure of plate by rules 0 Diameter of tubes 3 in

Pitch of tubes 4 1/16 in Material of tube plates steel Thickness: Front 13/16 in Back 5/8 in Mean pitch of stays 8 in Pitch across wide water spaces 14 3/4 in Working pressures by rules 159 lb Girders to Chamber tops: Material steel Depth and thickness of girder at centre 7 in Length as per rule 21 in Distance apart 7 1/2 in Number and pitch of Stays in each one - 8 in

Working pressure by rules 121 lb Superheater or Steam chest; how connected to boiler Can the superheater be shut off and the boiler worked separately Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness If stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

Thickness of safety valves adjusting washers 11 1/2 in each.

The foregoing is a correct description,
M. A. B. de Oude DE DIRECTEUR Manufacturer.

Dates of Survey } During progress of } see Rpt } Is the approved plan of boiler forwarded herewith }
while } work in shops - - } }
building } During erection on } no } Total No. of visits }
board vessel - - } } }

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

Donkey boiler fitted in stokehold.

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

W. F. D. van Olfen
T. A. Bernhart
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUES. 7 JUN 1910

Assigned see minute on attached rpt Ref 66556

