

Particulars of riveting in Shell.		
Art of seams	Longitudinal seams	Circumferential seams
Diam. of rivet holes	Double butttraps	Lap joint
Pitch of rivets	1"	1 1/8"
Number of rivets in pitch	6 1/2" x 3/16"	3 3/16" short
% of plates	5	2
% of rivets	83.6	
Holes drilled in place after bending. Hydraulic riveting		

Waste heat- and oil-fired boilers.

Working pressure 150 lbs. pr. sq. inch = 10.55 kg/cm.² Tested to 275 lbs. pr. sq. inch.

Scale: 1" = 1 Foot. Engl. Measures.

— Lloyd's "Rules."

Lowest tensile strength for:	Tons pr. sq. inch	kg/cm. ²
Shell plates, butttraps, girders, manhole and double plates	28	44
All other plates and screw-stays	26	41
Furnaces	26	41
Rivets	26	41
Longitudinal stays.	28	44

Heating surface in 277 tubes 2 1/2" outs. diam. 7'-8 3/4" ov. tubeplate	1407.5	
— in 3 furnaces (to 3" below & into account)	134.5	
— in 3 combustion chambers (—)	168.0	
Total Heating surface in one Boiler	1710.0	158.9 m ²
— in two Boilers	3420	317.8 m ²
Area through tubes for centre set (for one boiler)	2.082	0.1935 m ²
" " " " 2 wing sets (—)	4.35	0.4043 "
Total Area through tubes (—)	6.432	0.5978 m ²

Note! Comb. chamb. stays are about 1/8" larger in diam. than required by Rules.

HELSINGØRS JERNSKID-
OG MASKINBYGGERI
Trak. Nr. 167748
Dagbog 31-8-36
Klasse 64. Kontrol.

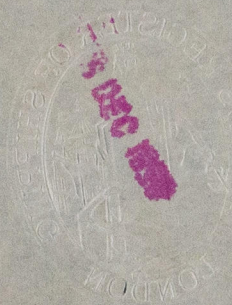
Udføres for	Order Nr.	Antal Gange	Model- brygge Nr.	Skibs- brygge Nr.	Skibetsnavn	Tegning i Værksted
Odense Skibsskibssk.	11-952	2.	909-910	Odense 11/12 Nr. 69		
—	11-953	2.	911-912	Odense 11/12 Nr. 70		

Ja
11/12/36



11-106-2044

for one bot



142

275-192 (09,4)

1330

1278

520

Antal Range	Medel- bygge N.
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2.	909-910
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2.	911-912
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150
75
50
—
275



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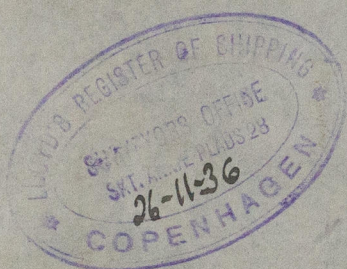
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Mærsk. Odense Staalskibsværft's

— Yard nos. 69-70.

Waste heat and oilfired boilers

to be made by
Mærsk. A/s. Helsingørsk Staal- &
Maskinbyggeri. Odense.



Yard no 69 - $\frac{7}{8}$ "Oilfield" of Newcastle 
Yard no 70 $\frac{7}{8}$ "Oilfield" of Newcastle.

Copenhagen Reports no 10,485 & 10521.

Copenhagen



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