

AUXILIARY OIL ENGINE Shafting Endorsement.

E2.

Shipbuilders: Messrs.

J. L. Thompson's

Yard No.

8000

Engineers: Messrs.

National Gas & Oil Eng. Co.

Engine No.

TYPE "R.A.6"

It is submitted that with engines for driving auxiliary machinery, having particulars as stated below, the following size of crank shaft merits approval, viz.:

*{ Pins 5½" dia.
Journals 5⅝" dia.*

Particulars of Engines:

Engine Type	<i>4-S.C.S.A.</i>	Max. Press. in Cylinders	<i>700 lb/in².</i>
No. of Cylinders	<i>6</i>	M.I.P. or M.E.P.	<i>97 lb/in².</i>
Diam. of Cylinders	<i>8"</i>	I.H.P. or B.H.P.	<i>242</i>
Stroke	<i>12"</i>	Revs. per Min.	<i>550</i>
Span of Bearings	<i>10⅞"</i>		

The plans shewing details of crankshaft, connecting rod and exhaust silencer also merit approval, it being noted that the material of the crankshaft will have a tensile strength of not less than 34 tons/in.²

The plan of riveted air receiver merits approval for a working pressure of 275 lb/inch², provided the air receiver be constructed under

Return Plans (4) the usual conditions of survey & Retain Copies (4) testing.

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