

AUXILIARY OIL ENGINE Shafting Endorsement.

E2.

Shipbuilders: Messrs. *Turners S.B. Co.* Yard No. *283*
Engineers: Messrs. *Devy Paxman Co.* Engine ~~No.~~ *Type 4 RQ*

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 2.875"
Journals 3.125"

Particulars of Engines:

Engine Type	<i>4SCSA</i>	Max. Press. in Cylinders	<i>750 lb/in²</i>
No. of Cylinders	<i>4</i>	M.I.P. or M.E.P.	<i>108.5 lb/in²</i>
Diam. of Cylinders	<i>4.625"</i>	I.H.P. or B.H.P.	<i>30</i>
Stroke	<i>5.875"</i>	Revs. per Min.	<i>650</i>
Span of Bearings	<i>3.9375"</i> <i>5 1/8"</i>		

The plans showing details of crankshaft and connecting rods also merit approval, it being noted that the shaft and rods will be made from steel having an ultimate tensile strength of not less than *40 tons/in²*

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