

AUXILIARY OIL ENGINE Shafting Endorsement.

E2.

Shipbuilders: Messrs. *Owan Hunter*
Engineers: Messrs. *Crosley Bros*

Yard No. *1555*

Engine No. *B.W.A.*

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

3 $\frac{1}{4}$ " dia. pins 3 $\frac{1}{2}$ " dia. journals.

Particulars of Engines:

Engine Type *4SCSA*

Max. Press. in Cylinders *750 lb/in²*

No. of Cylinders *6*

M.I.P. ~~or~~ *M.E.P.* *110.6 lb/in²*

Diam. of Cylinders *5"*

~~I.H.P.~~ ~~or~~ *B.H.P.* *72*

Stroke

6 $\frac{1}{4}$ "

Revs. per Min. *850*

Span of Bearings

12 $\frac{1}{4}$ "

The plans showing details of the crank shaft, connecting rod and air compressor crankshaft and connecting rod also merit approval.

The plans of oil fuel service tank and of solid drawn air receiver for a working pressure of 600 lb/in² merit approval provided these components be constructed under the usual conditions of survey and testing.

Return Plan 6.

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