

E2.

AUXILIARY OIL ENGINE Shafting Endorsement.

S.S. "EUNAN"

Shipbuilders: Messrs. ARROSSAN DOCKYARD Yard No.

Engineers: Messrs. L. GARDNER & SONS LTD. Engine No. TYPE 4.L3.

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

3 7/8" DIA. PINS.

4 1/8" DIA. JOURNALS

Particulars of Engines:

Engine Type 4SCSA.

Max. Press. in Cylinders 850 LB/IN²

No. of Cylinders 4.

M.I.P. or M.E.P. 120 LB/IN²

Diam. of Cylinders 5.5"

~~I.H.P. or B.H.P.~~

Stroke 7.75"

Revs. per Min.

800.

Span of Bearings 6 11/16"

The plans No 8901. & E 7322, details of crankshaft & flywheel also
 merit approval.

It is noted that the crankshafts are to be manufactured from
 material to B.S.S. ENS. and it should be pointed out that
 the sum of the tensile strength in tons/IN² & the percentage elongation
 measured on the Society's standard test pieces, should be
 not less than 57.

Return 2 Plan.

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