

COPY

BRUSH ELECTRICAL ENGINEERING COMPANY LTD.

LOUGHBOROUGH

1st October, 1938

GEH/CA

Lloyd's Register of Shipping,  
Orchard Chambers,  
Church Street,  
SHEFFIELD 1

Dear Sirs,

Blue Star Lane.

We enclose three blue prints of drawing No.55155-S showing details of crankshaft for the above also three copies of Brush Material Specification No.42272, for your approval.

The crankshaft is for a four cylinder Horizontal Opposed engine, direct coupled to a J. & E. Hall CO2 Compressor.

There would be two sets per vessel as per our previous order for these people.

Details of the engine are as follows:-

No. of Cylinders	4 - two on each side.
Cylinder Bore	13 $\frac{3}{4}$ " of crank
Stroke	20"
R.P.M.	85 to 250
Max. cyl. pressure	800 lb. per sq. inch
Normal Rating at 250 R.P.M.	- 262 B.H.P.
Max. continuous rating at 250 R.P.M.	- 275 B.H.P.
Normal B.M.E.P.	70 lb. per sq. inch

Yours faithfully,  
For and on behalf of  
THE BRUSH ELECTRICAL ENGINEERING CO. LTD.



Lloyd's Register  
Foundation

W100-0189