

PORT *Glasgow.*

No. *16905.*

Lloyd's Register of Shipping.

SHIP OR ENGINE FORGINGS OR ~~CASTINGS.~~

I have to report that the Forgings or ~~Castings~~, as herein described, manufactured by *Messrs. W. Beardmore & Co. Ltd.* of *Parkhead Glasgow.* for the Engines No. *7573.* being constructed by *Messrs. The British Polar Engines Ltd.* of *Govan, Glasgow* for the Ship No. *REQ No. 'E' 7.* being built by _____ of _____

^{HAS} ~~have~~ been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. ^{THIS HAS} ~~These have~~ been despatched to *Messrs. The British Polar Engines Ltd. Govan, Glasgow.*

ITEM *1.- FOUR THROW CRANKSHAFT (SOLID FORGED)*

Identification No. *16905 / F. 6625.*

Surveyor's Initials. *H.H.G.*

Materials. *Open hearth ingot steel.*

How made. *Forged.*

Heat treated. *Yes.*

Dimensions. *As per plan.*

Weight. *C. 13. Q. 3. 168. 7.*

Progress on Insp. *Forging, testing, and machining.*

Yield Tons per sq. in. *19.4*

Ult. Tons per sq. in. *36.0*

Elong. % on $\frac{3}{8}$ in. *30.0*

Reduc. of Area % *—*

Cold Bend. *180° N.F.*

Brinell. *—*

Izod. *—*

Final date. *14/11/1947.*

Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings.

Other tests :

Fee : *£ -10. -*

Signature *H.H.G.*

Date *1/12/1947.*

TURN UP.



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MS