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Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

Enclosure.

24th September, 1937.

Dear Sirs,

E. I am in receipt of your letter of the 20th instant, with enclosed sketch, relating to Crank Shaft Type R.V.6.M.343 intended for an Engine to be constructed by Messrs. Humboldt-Deutzmotoren A.G. to the order of Messrs. Th. Wuppermann, Leverkusen-Schlebusch.

It is noted that an error has been made in machining this crankshaft, and since the resulting reduction in web thickness, as shown on the sketch, does not appreciably affect the strength, the shaft will be accepted in this instance, provided it be found satisfactory on examination by you. The sketch is returned herewith.

It is concluded that the material of the crankshaft has an ultimate tensile strength of not less than 56 Kgs. per sq. mm., and that the shaft is intended for an engine having the following particulars, but I shall be glad to receive confirmation on these points.

Engine Type	4 S.C.S.A.	Max. pressure in cylinder
Open sea service.	 50 Kgs/cm ²
No. of cylinders ...	6	M.I.P. 6.7 Kgs/cm ²
Stroke	450 mm.	Dia. of cylinders .. 280 mm.
		Span of bearings .. 307.5 mm.

It is also concluded that the Purchasers

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Messrs. Humboldt-Deutzmotoren.
Crankshaft type R.V.6.M.343.

are aware of the facts of this case.

I shall be glad if you will ascertain and let me know the name of the Shipbuilders and the Yard Number of the vessel for which this engine is intended.

I am, Dear Sirs,

Yours faithfully,

Secretary.

The Surveyors,
DUSSELDORF.



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