

COPY.

## Lloyd's Register of Shipping.

Certificate No: 1941.

Port

PRAGUE

10th March 1934.

Order No: 3555.28/10/33.  
 Engine No: 170.  
 Skoda 78-03.3184/5.

Eng No. 170

This is to Certify that

Hans Kolbow

the undersigned Surveyor to this Society did at the request of Messrs. Limited Company formerly THE SKODA WORKS attended at their Works at Plzeň, Cechoslovakia, on the 20th February and subsequent dates in order to test according to specification and examine in finished condition

1-SOLID-FORGED SIX-THROW CRANK SHAFT details as below

ordered by Messrs. British Auxiliaries Ltd, of Glasgow, Order No: 3555 dated 28th October 1933, Engine No: 170.

SPECIFICATION.

To print No: KA.316, K.361-A.300, finished complete with the exception of all drilling and keyway cutting, 160 mm diameter, crank radius 210 mm, total length 3855 mm, in accordance with Crankshaft Forging Specification No:2, basic S-M. Steel, with higher manganese content, twice annealed, Yield Point not less than 19 ts.p.sq.in., Ultimate Tensile Strength 34-38 ts.p.sq.in. Elongation not less than 25% on B.E.S.A-test piece "C", Tensile plus Elongation longitudinally not less than 61, radially not less than 57, Bend tests 180 degrees, 1" x 3/4", radius 1/2", and to Lloyd's tests, requirements and inspection for auxiliaries in a classed vessel.

RESULTS OF TESTS.

The big flange (adjacent to crank No:6) corresponds to the top of the ingot, Charge No: 50323.

The crank shaft has been inspected at all stages of manufacture, finally in finished condition with the exception of all drilling and keyway cutting, and was found to be, as far as could be seen, sound and free from defects.

The dimensions of the crank shaft were checked and found to be within the specified tolerances.

Continued on page 3.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for accuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default, or negligence of the Surveyors, or other Officers or Agents of the Society.



