



Certificate No : MD00/0615/0012/3

SCHMIEDEWERKE GRÖDITZ GmbH
Riesaer Straße 1
D-01609 Gröditz
Germany

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for :-

Forgings in carbon, carbon-manganese, alloy and austenitic stainless steel
(maximum weight 45 tonnes)

The scope of approval includes crankshafts produced by conventional forging in the material grades and to the maximum weight detailed above, and also for crankshafts produced by the TR Process in alloy steel grades only to a maximum weight of 42 Tonnes.

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.

Valid Until : 11 March 2020
Date of Issue : 25 April 2017

A handwritten signature in blue ink, appearing to read 'Colin Waylen', is written over a horizontal line.

Colin Waylen

Principal Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group