



Certificate No : MD00/0950/0008/5

LOVINK TECHNOCAST B.V.  
LOVINK TECHNOCAST HANDMOULDINGS B.V.  
Lovinkweg 3  
P.O. Box 2  
7060AA, Terborg  
The Netherlands

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

Castings in Spheroidal Graphite Iron  
( maximum weight 5 tonnes )

**Approved for components in the as cast condition only.  
Approval covers crankshafts to 10 kg weight.**

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 : 22 January 2020  
Date of Issue : 24 January 2017

A handwritten signature in blue ink, appearing to read "Clive Arnold", written over a horizontal line.

**Clive Arnold**  
Senior Metallurgical Specialist to Lloyd's Register EMEA  
A member of the Lloyd's Register group