



Approved Manufacturer of Steel Forgings

Manufacturer	Ellwood National Crankshaft (ENC)
Address	One Front Street, Irvine, PA, 16329, United States
Type	Steel Forgings
Scope of Approval	Materials Survey Scheme Steel Forgings Carbon, Carbon-Manganese and Alloy Steel Maximum weight, 7.00 tonnes. Approval also includes: Ellwood Crankshafts and Machine Co, 2727, Freedland Road, Hermitage, PA. USA Company also approved under Materials Quality Scheme, separate approval certificate applies.

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Clive Arnold

Lead Metallurgist: Metallurgical Assurance to
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Steel Forgings	Forgings	Grades	Maximum Weight	Units
-	-	Carbon	7.00	Tonnes
-	-	Carbon-manganese	7.00	Tonnes
-	-	Alloy	7.00	Tonnes



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