



## Materials Quality Scheme

<b>Manufacturer</b>	<b>Ellwood National Crankshaft (ENC)</b>
<b>Address</b>	One Front Street, Irvine, PA, 16329, United States
<b>Type</b>	Steel Forgings
<b>Scope of Approval</b>	<b>Materials Quality Scheme Approval No. MQS 043.</b> <b>Steel Forgings</b> <b>Carbon, Carbon-Manganese and Alloy Steel</b> <b>Maximum weight, 7.00 tonnes.</b> <b>Company also approved under Materials Survey Scheme, separate approval certificate applies.</b>

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.



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**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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