



中国船级社
CHINA CLASSIFICATION SOCIETY

证书格式号/Form: W01.01-
11Q002340

工厂认可证书
CERTIFICATE OF WORKS APPROVAL

证书编号/Certificate No. NL09W00001

兹证明本证书所述制造厂具备按照下列标准的要求生产本证书所列产品的能力和条件。

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products as described in the certificate.

制造厂/Manufacturer

Ellwood Crankshaft and Machine Company

Ellwood Crankshaft and Machine Company

2727 Freedland Road, Hermitage, PA, USA

2727 Freedland Road, Hermitage, PA, USA

认可产品/Product Approved

曲轴完工加工

FINISH MACHINING OF ENGINE CRANKSHAFT

认可标准/Approval Standard

1. 中国船级社《材料与焊接规范》(2009)第1篇第5章
Chapter 5, Part 1 of CCS Rules for Material and Welding (2009)
2. 中国船级社批准的图纸
Drawings Approved by CCS

证书有效期至/ This Certificate is valid until

2013年11月11日 / Nov. 11, 2013

发证机构
Issued by

中国船级社总部
CCS Headquarters

签发日期
Date

2010年4月13日
Apr. 13, 2010

本证书根据中国船级社《钢质海船入级规范》及有关程序规定签发。关于证书的有关规定见本证书背面的说明。当本证书包括多页纸张时，则所有证书页为一个整体，必须同时使用，每一页证书均须由本社盖章方为有效。证书复印件无效。任何单位和个人均不应摘录或节选本证书的部分内容。本认可证书不代表本社对个体产品质量的检验。有关各方对所持证书的真实性有疑向时，可以向本社检验机构咨询。
This Certificate is issued pursuant to the Rules for Classification of Sea-going Steel Ships and related procedures of the Society. Refer to the back of the certificate for detailed requirements of the certificate. When the certificate consists of more than one page, all pages of the certificate are taken as a whole and are used simultaneously. No certificate page is valid without bearing the stamp of the Society and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. This approval certificate does not constitute the inspection of the Society about the quality of the unit/batch product. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.



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HQ11900832



中国船级社 证书格式号/Form: ND-00-
CHINA CLASSIFICATION SOCIETY

定期审核证书 CERTIFICATE OF PERIODIC AUDITING

证书编号/Certificate No. NL11R0002

制造厂/Manufacturer

Ellwood National Crankshaft

Ellwood National Crankshaft

1 Front Street, Irvine, PA, USA
1 Front Street, Irvine, PA, USA

认可产品/Product Approved

曲轴锻钢件 STEEL FORGINGS FOR CRANKSHAFTS

兹证明 根据本社规范，本社验船师于2011年2月10日 至 2011年2月10日 对本证书所述制造厂进行了定期审核，结果满意，原认可证书（证书号： NY09W00001 ）在下次定期审核前保持有效。

This is to certify that the periodic audit to the above mentioned manufacturer has been carried out by the surveyor to this Society with satisfied results from Feb. 10, 2011 to Feb. 10, 2011 and the original approval certificate(s) with No. NY09W00001 continues to be valid until the date of next periodic audit.

发证机构 中国船级社新奥尔良验船站
Issued by CCS New Orleans Survey Station

签发日期 2011年2月13日
Date Feb. 13, 2011

本证书按照中国船级社《钢质船舶入级规范》及有关规定制定签发。本证书的有效性完全取决于符合此规范的说明。当证书有效期届满时，船东应重新申请。本证书、证书附件均由本社调查员负责保管。证书复印件及证书附件复印件均不能作为证书的有效性证明。本证书的有效性完全取决于本社调查员的签字。本证书的有效性完全取决于本社调查员的签字。本证书的有效性完全取决于本社调查员的签字。
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