



CERTIFICATE NUMBER 21-4828269-PQA  
EFFECTIVE DATE 22-Jun-2021  
EXPIRATION DATE 21-Jun-2026  
PORT OFFICE Cleveland Ohio

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CERTIFICATE OF  
**Product Quality Assurance**

This is to certify that a representative of ABS did, at the request of

**Ellwood National Crankshaft Company**

located at  
1 Front Street, Irvine, PA 16329

attend its facilities on the date and location stated, in order to carry out an audit of its quality system procedures. The system is considered to be in compliance with the ABS Quality Assurance Certificate criteria, subject to continued compliance with the most recent ISO 9000 Standard based on semi-annual audits by a representative of ABS, and periodic review and renewal of this Certificate, and alignment with Manufacturer Assessment Certificate validity.

Product(s) Crankshafts Finished Machined

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Joseph J. Williams, Manager Corporate ABS Programs

NOTE This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned manufacturing process without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/59 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

**First Semi-annual Endorsement**



Surveyor

5116641

WO and Date

21 JAN 2022

**First Annual Endorsement**



Surveyor

5306904

WO and Date

01 JUN 2022

**Second Semi-annual Endorsement**

Surveyor

WO and Date

**Second Annual Endorsement**

Surveyor

WO and Date

**Third Semi-annual Endorsement**

Surveyor

WO and Date

**Third Annual Endorsement**

Surveyor

WO and Date

**Fourth Semi-annual Endorsement**

Surveyor

WO and Date

**Fourth Annual Endorsement**

Surveyor

WO and Date

**Fifth Semi-annual Endorsement**

Surveyor

WO and Date