

SCOPE OF ACCREDITATION

Heat Treating

Ellwood National Crankshaft

One Front Street
Irvine, PA 16329

This certificate expiration is updated based on periodic audits. The current expiration date and scope of accreditation are listed at: www.eAuditNet.com - Online QML (Qualified Manufacturer Listing).

In recognition of the successful completion of the PRI evaluation process, accreditation is granted to this facility to perform the following:

TPG AC7102 Rev C - Audit Criteria for Heat Treating (to be used on audits on/after 5 November 2017)

Induction Hardening – TPG-AC7102/7 must also be selected

Nitriding – TPG-AC7102/4 must also be selected

Steels – Customer Specs

TPG AC7102/8 Rev B - Audit Criteria for Heat Treating Pyrometry (to be used on audits on/after 11-Jul-2021)

Heat Treating Pyrometry – Customer Specs

Heat Treating Pyrometry – Industry Specs

AMS2750

TPG-AC7102/4 - Audit Criteria for Gas and/or Ion Nitriding

Nitriding – Customer Specs

Nitriding – Industry Specs

TPG-AC7102/5 - Audit Criteria for Hardness Testing for Heat Treating

Hardness – Portable

TPG-AC7102/7 - Audit Criteria for Induction Hardening and Tempering

Induction Hardening – Customer Specs

Induction Hardening – Industry Specs