



ELLSWORTH, KS

SPECIFICATION

BY: DV	DATE: 3-16-12	REV:	No: S-1758
CHKD: DV	APPD: DV	REV DATE:	SHEET: 1 of 2

POSITIVE MATERIAL IDENTIFICATION (PMI) PROCEDURE

APPROVED FOR PUBLIC RELEASE

BY _____

Scope:

- 1.1 This specification provides methods and acceptance criteria for Positive Material Identification (PMI).
- 1.2 This PMI test is for material grade identification only and does not substitute for any MTR or lab chemical analysis.

Training:

- 2.1 Any person assigned to perform PMI testing shall be trained by the QC Manager.

Procedure:

- 3.1 After performing PMI examination on test subject, the part shall be permanently marked "PMI" with a suffix denoting unique serialization.

Verification:

- 4.1 Acceptance standards for PMI shall include the nominal chemistry verification of the major alloying elements of the material grades as defined by ASTM. Acceptance criteria is as defined by ASTM.

Nonconforming Parts:

- 5.1 Parts not meeting the requirements of section 4 shall be identified as nonconforming parts and will be brought to the attention of the QC Manager.

Data Reports:

- 6.1 Each PMI report shall contain the following information:
 - a) PMI instrument (manufacturer and model number)
 - b) Item description
 - c) ASTM material designation
 - d) Date of inspection
 - e) Results: accept or reject
 - f) Organization performing test
 - g) Operator performing test
 - h) Element percentages
 - i) Lot identification number, "PMI-___"

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POSITIVE MATERIAL IDENTIFICATION (PMI) PROCEDURE

REVISION LOG:

REV

DESCRIPTION

DATE

APPROVED

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