



RL-SQC-208 Rev 1.0

NDT Pre-Penetrant Etch

DOCUMENT PROPERTIES

Document Type	Supplier Quality Clause (Doc Type) (see page 1)
Security Level	Approved for Limited External Use
Export Classification	Not Subject to Regulation - No Technical Data

DOCUMENT APPROVAL

Author	Reviewer	Approver	Date Released	Status
m.antoniruib	m.heneghan	a.bernardo	19 Nov, 2023	<input checked="" type="checkbox"/> Released

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Group	Testing, Inspection, & Traceability
Clause	<p>Etching for machined parts shall be performed per NASA PRC-5010. Process shall be performed only by supplier personnel who have been trained to conduct etching.</p> <p>For reworked areas, localized spot etch is allowable, as long as the etching rate and chemical usage is controlled in accordance with NASA PRC-5010.</p> <p>Etching of castings shall be conducted according to the procedure specified in the fixed foundry process.</p> <p>Note: This clause is not applicable for parts with no Penetrant Testing requirements.</p>

1 Glossary

Glossary Term

No content found.

2 Revision History

Rev	Author	Date	Change Log / ECN
1	@Merelin Antoni Ruiz	📅 14 Nov 2023	First Release - Baseline

3 Document Properties

Document Type	Supplier Quality Clause (Doc Type) (see page 1)
Summary	SQC detailing requirements for etching of metallic parts prior to dye-penetrant inspection.
References	N/A
Notes	N/A
Parent Manual	RL-QM-010
Security Level	Approved for Limited External Use
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