



RL-SQC-402 Rev 1.0

Casting Requirements

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
o.gomez	m.heneghan	a.bernardo	15 Nov, 2023	<input checked="" type="radio"/> Released

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Group	Mechanical - General
Clause	<p>In addition to the Certificate of Conformance minimum requirements listed in RL-SR-001 Supplier Quality Manual, supplier shall include the following:</p> <ul style="list-style-type: none"> • Casting serial number • Fixed Foundry Process/Document number and revision date • Statement of no weld repair, if applicable • Weld repair map(s), if applicable <p>Supplier shall generate a weld map that details the location, size, and depth of the welds when a weld repair is performed on a casting. This also applies to any autogenous welds performed.</p> <ul style="list-style-type: none"> • Weld maps shall be stored at supplier's facility per the requirements listed in RL-SR-001 Supplier Quality Manual and be available for review upon request from Rocket Lab. • If no weld repairs were performed, supplier shall indicate this on the Certificate of Conformance. No weld maps are required from supplier if there were no weld repairs performed. <p>Supplier shall submit certificates of heat treat records for all heat treatment processes performed for the casting.</p> <p>Supplier shall provide all mechanical test results with every part(s) shipment to Rocket Lab.</p> <p>Supplier shall clean parts of any and all background penetrant following penetrant non-destructive testing inspection and prior to shipment to Rocket Lab.</p>

1 Glossary

Glossary Term

No content found.

2 Revision History

Rev	Author	Date	Change Log / ECN
1	@Oscar Gomez	📅 14 Nov 2023	First Release - Baseline

3 Document Properties

Document Type	Supplier Quality Clause (Doc Type) (see page 1)
Summary	EQC detailing requirements for traceability information to be provided related to casting processes and weld repairs of casted parts.
References	N/A
Notes	N/A
Parent Manual	RL-QM-010
Security Level	Approved for Limited External Use
Export Classification	Not Subject to Regulation - No Technical Data

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