

Effective Date: 03/23/2021

Q406: NonDestructive Evaluation Processes Part Specific Technique – Aerojet Rocketdyne Specifications

The design requirements of this product include the performance of Non-Destructive Examination or Test methods to be performed during the manufacturing of this product to determine and confirm the product conforms to design requirements. The process may be eddy current, liquid penetrant inspection, magnetic particle inspection, radiographic examination, digital radiography (DR), computed tomography (CT) or ultrasonic inspection. Does not apply to any pressure, leak, or functional tests required by the products design requirements.

The NDT inspection performed on Aerojet Rocketdyne (AR) hardware shall be performed to a written Part specific Technique.

The Part specific Technique shall include all the information listed under the section for general requirements and the information required by the section “Part Specific Technique” included in the specification.

The Part specific Technique requires approval by an Aerojet Rocketdyne NDT Level III prior to the NDT inspection being performed.

Deliverables:

A legible copy of the actual approved Part Specific Technique and the examination/test reports of the Nondestructive Examinations or Tests performed and include the results for each unit examined indicating either accepted or rejected. When parts are serialized, serial numbers must appear on the report(s). Results must be identifiable with test parameters, specifications, and material(s) to product(s) delivered. Reports must bear the date and signature of a responsible representative of the agency performing the test(s). The specifications must be listed, including the revision letter(s) or revision number(s).