



GE-AJA Controlled List of Special Process

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This specification is in addition to and in no way limiting, superseding, or abrogating any contractual obligation as required by the applicable procurement document.

Applicability

This specification applies to suppliers of the following GE Aviation Joint Affiliate (GE-AJA) entities when referenced on purchase order, long term agreement, or flow down specification (i.e. S-1005):

- GE Aviation Systems LLC
- GE Aviation Systems Ltd
- Unison Engine Components Inc.
- Unison Engine Components Ltd
- Unison Industries, LLC

I. Purpose

This specification identifies manufacturing and evaluation processes which are classified as special processes.

II. Procedure

Each process listed in List A or List B is considered a Special Process if the GE-AJA drawing requires the process to be performed in accordance with an industry or GE Aviation standard or specification.

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III. Definitions

SPECIAL PROCESSES - Those processes which modify or change the inherent physical, chemical, electrical or metallurgical properties of an item, or non-conventional methods which remove or deposit material on an item during or after fabrication which cannot be fully evaluated by nondestructive means, or those used to maintain process control such as nondestructive testing. These processes may require a demonstration of operator or equipment capability or proficiency and require special controls for monitoring per specification. Means for compliance are contained in individual specifications.

IV. Appendix

List A

- Annealing
- Anodizing
- Brazing
- Casting
- Chemical cleaning
- Chemical/Chromate Conversion Coating
- Coating
- Coating evaluation
- Dry film lubrication
- Hardening
- Heat treating
- Hot isostatic pressing
- Material and chemical testing
- Milling (Non-Standard/Chemical)
- Non-destructive Testing/Evaluation
 - Radiographic inspection
 - Penetrant inspection
 - Ultrasonic testing
 - Eddy current inspection
 - Magnetic particle inspection
- Painting
- Passivation
- Plating (Electro-deposition)
- Tempering
- Vapor deposition
- Welding



List B

Adhesive bonding
Aging
Additive manufacturing
Broaching
Ceramic raw material manufacturing
Chemical stripping or leaching
Composite laminate manufacturing
Composite raw material manufacturing
Edge treatment
Electrochemical grinding
Electrochemical machining
Electropolishing
Etching
Extruding
Forging
Grinding
Hot forming
Hole making
Laser processing
Melting
Nonconventional machining
Peening
Sealing
Sintering
Soldering
Thermal spraying
Titanium cleaning or removal
Tumble surface finishing
Turning

