



**R223 - SPECIFIC REQUIREMENTS:
GE AVIATION S400
ACCREDITATION PROGRAM**



This document describes the accreditation requirements applicable to certified materials testing laboratories (CMTLs) pursuing accreditation to meet the requirements in GE Aviation S400 Section 3.1.

All new applicant laboratories wishing to gain accreditation to ISO/IEC 17025:2005 for the purposes of meeting GEAE S-400 program requirements will be required to complete the *F101 – Application for Accreditation: ISO/IEC 17025 Laboratories* document and submit it to A2LA. In addition to compliance with the requirements of ISO/IEC 17025:2005 and the following additional A2LA policies and requirements apply:

- *P101 - Reference to A2LA Accredited Status – A2LA Advertising Policy;*
- *P102 - A2LA Policy on Measurement Traceability;*
- *P103 - Policy on Estimating Measurement Uncertainty for Testing Laboratories;*
- *R101 - General Requirements: Accreditation of ISO/IEC 17025 Laboratories;*
- *R102 - Conditions for Accreditation; and*
- *R103 - General Requirements: Proficiency Testing for ISO/IEC 17025 Laboratories.*

An assessment to the A2LA GEAE S-400 Program Requirements will also determine compliance with the Specific Criteria of the program and competence in performing the specific test methods for which the applicant laboratory is seeking accreditation.

Participation in this program is mandatory for all A2LA-accredited laboratories recognized by GE Aviation as a Certified Materials Test Laboratory (CMTL).

GENERAL CRITERIA

The general criteria for accreditation are contained in ISO/IEC 17025:2005, “General requirements for accreditation of testing and calibration laboratories”, as referenced in Part A of the A2LA requirements document *R101 – General Requirements: Accreditation of ISO/IEC 17025 Laboratories*.

SPECIFIC CRITERIA

Specific criteria are generally an elaboration on, or interpretation of, the general criteria plus those requirements of accreditation applicable to a certain field of testing, testing technology, type of test, or specific test. A synopsis of those additional items required by the GEAE S-400 program, but which are not part of the standard ISO/IEC 17025:2005 accreditation process, are listed below:

- 1) Each laboratory must first apply to, be assessed by and obtain approval from GE Aviation as a Certified Materials Test Laboratory (CMTL). (A copy of your Special Process Certification must be provided to A2LA with your application package.)
- 2) Assessment to ISO/IEC 17025 and the GEAE S-400 program requirements shall be performed by a GE trained and approved assessor.
- 3) Each laboratory shall complete the GE AC1.1 checklist and provide it to A2LA or the assessor prior to the assessment. The GE AC1.1 checklist will be included as part of the A2LA assessment and included in the final assessment report.



- 4) The laboratory has the option of using the GE Auditor Test Kits (ATKs) to demonstrate testing competence during the assessment. If an ATK is used, the associated test results and report for that ATK will be included in the final assessment report.
- 5) Each laboratory shall complete and return a copy of A2LA form, *F228 - A2LA GEAE S400 Laboratory Consent Agreement*.

PROFICIENCY TESTING

Refer to the proficiency testing requirements in *A2LA R103 - General Requirements: Proficiency Testing for ISO/IEC 17025 Laboratories*, Section E, and *A2LA R103a – Annex: Proficiency Testing for ISO/IEC 17025 Laboratories*, Section VI.

ASSESSMENT REPORTS

By virtue of participation in this program and completion of the *F228 - A2LA GEAE S400 Laboratory Consent Agreement* form, the applicant agrees that all assessment report(s), deficiency report(s) and draft Scope(s) of Accreditation completed during GEAE S-400 assessments may be forwarded by A2LA to GE Aviation upon GE Aviation’s request.

SCOPE OF ACCREDITATION

Each laboratory accredited under the GE Aviation S-400 program will have the following footnote added to their Scope(s) of Accreditation and the GE S-400 approved testing identified by asterisk or superscript:

“This accreditation includes an evaluation of the GEAE S-400 requirements for the tests listed above using the GE AC1.1 checklist.”

Document Revision History

Date	Description
2/22/2012	Specific Criteria – Section 3 updated to identify that the AC1.1 checklist must be provided to A2LA or the assessor prior to the assessment.