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ADVISORY CIRCULAR

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION

SUBJECT: FAA QUALITY CONTROL SYSTEM CERTIFICATION PROGRAM

- *1. **PURPOSE.** This circular describes the Federal Aviation Administration (FAA) Quality Control System Certification Program and the mechanics of implementation. It is intended for guidance and information only.
2. **CIRCULAR CANCELLED.** This document cancels Advisory Circular 00-41 dated January 31, 1974, and Change 1 dated May 20, 1974.
3. **REFERENCE DOCUMENT.** The requirements for a Quality Control System in conformance with the FAA Quality Control System Certification Program are specified in FAA-STD-016 entitled "Quality Control System Requirements." (Copies of this circular and other applicable FAA specifications, standards and drawings may be obtained from the Contracting Officer in the Federal Aviation Administration office issuing the invitation for bids or request for proposals. Requests should fully identify material desired, i.e., specification, standard, amendment, and drawing numbers and dates. Requests should cite the invitation for bids, request for proposals, or the contract involved or other use to be made of the requested material).
4. **INTRODUCTION.** The Quality Control Certification Program is based on the following postulates:
 - a. The Contractor is totally responsible for delivering products and services in full compliance with the specification and contract requirements. *

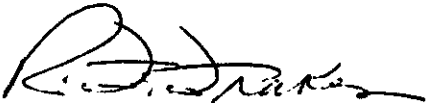
- *b. The quality of a product is achieved through a process which first, provides clear identification of the design characteristics that are to be built into the product and second, establishes and maintains a control system to assure that those design characteristics are achieved in the delivered product.
- c. Emphasis on defect prevention activities is essential for an effective quality control system in addition to detection and correction activities and qualified personnel.

5. DESCRIPTION OF PROGRAM. The FAA Certification Program provides for:

- a. A System. The contractor is required to establish and maintain a total quality control system encompassing controls over management, organization, design, manufacturing, inspection, testing, packing, and documentation necessary to provide products and services in accordance with all the requirements of the contract. The system will emphasize defect prevention activities and in addition provide those detection actions (inspection and test) required to verify that the supplies and services are in compliance with contract requirements.
- b. A Plan. The contractor is required to submit a description of his quality control system in a Quality Control System Plan (QCSP) which is tailored to the particular procurement involved. The QCSP shall identify the controls to be utilized on that procurement to assure conformance of the resultant products and services with all contract requirements. The QCSP shall, as a minimum, comply with the above mentioned FAA-STD-016. In addition, the plan will contain such supporting documentation as samples of forms, records, and process and inspection stamps planned to be used on the contract involved.
- c. An Evaluation. The FAA will evaluate each proposed plan against QCSP factors identified in the solicitation to determine acceptability or non-acceptability.
- d. Implementation. The QCSP generated by the successful contractor is incorporated into the contract at the time of award.
- e. A Certificate. The successful contractor will be issued a "Quality Control System Certificate" together with a "Production Limitation Record" which identifies the equipment and the quantities covered by the certificate.
- f. A Representative. A Quality Reliability Officer (QRO) will be assigned to the contract by the Contracting Officer to monitor the contractor's compliance with the QCSP and to verify its effectiveness via the evaluation of the resulting product. *

*6. OTHER FEATURES OF THE CERTIFICATION PROGRAM.

- a. Applicability. The Quality Control Certification Program will normally be applicable to acquisitions which involve equipment of such quantity and complexity as to benefit therefrom, and which provide for the expenditure of one million or more dollars under a negotiated or two-step formally advertised method of procurement.
- b. Termination. (1) A Quality Control System Certificate may be suspended or revoked when it has been determined by the FAA that a contractor has failed to maintain and operate the system for which the Certificate was awarded. Insufficient or ineffective corrective action may be taken as evidence of such failure. Appropriate contract action, including termination for default, may be taken concurrent with certification revocation. (2) A Quality Control System Certificate will automatically expire upon completion of delivery of products and services, including spare articles, on the contract involved.
- c. Authority. The office responsible for issuing a Quality Control System Certificate is the FAA Industrial Division, (ALG-400) Logistics Service, 800 Independence Ave., S.W., Washington, D.C. 20591. *



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Director, Logistics Service