Q-23 AS9100/AS9103

1. NASA solicitations, contracts, and work-tasking documents shall invoke/specify the quality system requirements identified in AS9100 or AS9003 where considered appropriate.

a. Work that is both critical and complex shall be performed in accordance with the quality system requirements of AS9100.

(1). Critical work is any hardware task that, if performed incorrectly or in violation of prescribed requirements, could result in loss of human life, serious injury, loss of mission, or loss of a significant mission resource (e.g., Government test or launch facility).

(2). Complex work involves either: a) the design, manufacture, fabrication, assembly, testing, integration, maintenance, or repair of machinery, equipment, subsystems, systems, or platforms; or b) the manufacture/fabrication of parts or assemblies which have quality characteristics not wholly visible in the end item and for which conformance can only be established progressively through precise measurements, tests, and controls applied.

b. Critical, but not complex, work shall be performed in accordance with the quality system requirements of AS9100 or ISO 9001, or the inspection and test quality system requirements of AS9003. Noncomplex work includes manufacture of "build to print" piece parts or performance of a discrete manufacturing/test operation such as plating, heat treating, non-destructive testing, or laboratory testing for chemical composition or mechanical properties.

c. Complex, but not critical, work shall be performed in accordance with the quality system requirements of AS9100 or ISO 9001.

d. Work that is neither critical nor complex shall be performed in accordance with the quality system requirements of AS9100, ISO 9001, or AS9003, or in accordance with test and inspection requirements that are specified or approved by the contracting agent and that are supported by records evidencing their performance and outcome.

2. The AS9100 standard applies to design, development, production, installation, servicing, maintenance and repair.
a Contractually require NASA suppliers to be third party certified in those cases where it is determined to be appropriate and beneficial to NASA.

b. For those supplier that are AS0100 compliant or have an acceptable Quality System that meet the intent of an AS9100 or ISO 9000 system are subject to a review of their Quality Manual and a pre award evaluation visit.

c. Seller shall notify NASA, in writing in the event of a change in management or ownership or facility relocation.

d Please contact the NASA DFRC QA should you have any questions regarding this code.

END OF Q-23

GARY MAY For Gary May Jaime H. Garcia NASA QAS 11-9-09

Signed

Approved Q-23 (10-07)

NOTE: AS9110 is also an approve QMS. AS9110 is written for a FAA repair station

Gary May

PQA /SQ

11/09/09