DATA ITEM DESCRIPTION

FORM APPROVED
OMB NO. 0704 0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, Va 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188) Washington, DC 20503.

1. TITLE	2. IDENTIFICATION NUMBER
QUALITY SYSTEM PLAN	DI-QCIC-81449

3. DESCRIPTION/PURPOSE

3.1 This plan is used to document the details of the contractor's quality system, including management commitment to quality, system elements, policy and practices.

3.2 This plan provides the Government contracting activity a basis for assessment of the quality system and evidence of the contractor's intent to comply with the contract quality requirements.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
950116	A/SMCAR-QAH		

7. APPLICATION/INTERRELATIONSHIP

7.1 This Data Item Description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.

7.2 This DID is applicable when any of the following Department of Defense Index of Specifications and Standards (DODISS) documents are cited in the contract: (continued on page 2)

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		A7100

10. PREPARATION INSTRUCTIONS

10.1 Reference documents. The applicable issue of the documents cited herein, including their approval dates and the dates of any applicable amendments, notices and revisions, shall be specified in the contract.

10.2 General. The Quality System Plan shall be in accordance with the requirements of the specific quality system or inspection system cited in the contract. The Plan shall include traceability from the quality elements of the contract to the specific contractor processes which support those elements. Additionally, quality system requirements needed to support the elements of the contract shall be fully described.

10.3 Format. Contractor format is acceptable.

(continued on page 2)

11. DISTRIBUTION STATEMENT

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

Block 7. APPLICATION/INTERRELATIONSHIP (Continued)

7.2 American National Standards Institute (ANSI) / American Society for Quality Control (ASQC) Quality Standard Q91, Q92. The International Organization of Standardization (ISO) equivalents ISO 9001, 9002. Military Specification MIL-Q-9858 or MIL-I-45208. The quality system elements applicable to a specific contract will be limited to only those specified directly or by the reference in the contract.

7.3 DOD activities may obtain copies of the referenced standards from DOD Single Stock Point, (ATTN: NPN-DODSSP), 700 Robbins Avenue, Bldg. 4D, Philadelphia, PA 19111-5094. All other requesters may obtain documents from the following organizations:

Copies of the ASQC standards from the American Society for Quality Control, P.O. Box 3066, Milwaukee, WI 53201-3066;

Copies of the ISO 9000 series standards from the American National Standards Institute, 11 West 42nd Street, New York, NY 10036.

Block 10. PREPARATION INSTRUCTIONS (Continued)

10.4 Content. The plan shall include (1) a summary of the contract quality requirements and (2) a relational matrix. The relational matrix shall indicate the general relationship between the contractors quality system procedures / processes and the applicable elements (see Table IA and IB) of the quality document(s) cited in the contract. The matrix, or an attachment thereto, shall also identify schedules for quality activities and tasks which must be coordinated and compatible with other schedules prepared for work under the contract, as well as include the name(s) of the person(s) responsible for accomplishment of activities and tasks. Tables IA and IB establish the elements of the plan based on the quality system document(s) cited in the contract. In addition, Tables IA and IB indicate the general relationships between the quality system elements, the quality standards and a commonly accepted internal quality system guideline, ANSI / ASQC 94.

10.4.1 Quality System Effectiveness. The plan shall identify the means by which the contractor will ensure quality system effectiveness and demonstrate comprehensive management and review of data, such that the results may be used to indicate trends and progress in quality of design, processes, fabrication, assembly, test and acceptance as appropriate to the contract. The plan shall describe what is measured, how often it is tracked, and who reviews and assures that appropriate action is initiated when trends are unfavorable.

10.4.2 All updates shall consist of notes or changes to the plan, clearly identified as to where applicable (i.e. system element, page, paragraph, number etc.).

10.5 Attachments. A copy of the contractor's quality manual which describes the current quality system shall be attached.

TABLE IA - QUALITY SYSTEMS DOCUMENTS / QUALITY SYSTEM ELEMENTS COMPARISON (DOD)

QUALITY SYSTEM ELEMENTS (Q91)	QUALITY SYSTEMS STANDARDS				
	ASQC Q91 (ISO 9001)	ASQC Q92 (ISO 9002)	MIL-Q-9858A	MIL-I-45208A	ASQC Q94 (ISO 9004) [1]
Management Responsibility Organization	4.1 [3]	4.1	1.3, 3.1, 3.6	3.1	4.2, 4.3, 5.5
Quality System Initial Quality Planning	4.2 [3]	4.2 [3]	1.2, 3.2	1.1, 3.13	4.4, 5.2, 5.3
Contract Review	4.3 [3]	4.3 [3]	3.2, 1.4	1.2	7
Design Control	4.4	N/A [4]	4.1	3.2.4	8
Document Control	4.5	4.4	4.1, 3.3	3.2	5.2, 8.6, 8.8, 11.5, 11.6, 17
Purchasing	4.6	4.5	5.1, 5.2	3.8, 3.11	3.1, 3.11
Purchaser Supplied Product (GFM)	4.7 [3]	4.6 [3]	7.2	3.6	
Product Identification and Traceability	4.8	4.7	6.1, 7.1	3.5, 3.12	11.2
Process Control	4.9	4.8	6.2	3.4	10, 11.3, 11.4
Inspection & Testing	4.10 [3]	4.9 [3]	6.3	3.1, 3.10	9.7, 12
Inspection, Measuring, and Test Equipment	4.11	4.10	4.2 thru 4.5	3.3	13
Inspection and Test Status	4.12	4.11	6.7	3.5	11.7
Control of Nonconforming Product	4.13	4.12	6.5	3.5, 3.7	7.3, 14, 16.3
Corrective Action	4.14	4.13	3.5	3.2	13.4, 15
Handling, Storage, Packaging and Delivery	4.15	4.14	6.4	N/A [4]	16
Quality Records	4.16	4.15	3.4, 3.6	3.2	5.3, 15
Internal Quality Audits	4.17	4.16	N/A [4]	N/A [4]	5.4
Training	4.18	4.17	N/A [4]	N/A [4]	5.2, 18
Servicing	4.19	N/A [4]	N/A [4]	N/A [4]	16.2
Statistical Techniques	4.20	4.18	6.6 [2]	3.9 [2]	20
Quality System Effectiveness	4.4, 4.16, 4.17	4.2, 4.16	3.4, 3.6, 6.5	3.1, 3.2	4.4, 5.4, 17, 18.3

Notes

1. ASQC Q94 is a guide for an internal quality system and also includes economics, marketing quality, and product safety/liability
2. Document discusses "sampling", but the quality system need not be limited to this single statistical technique
3. Paragraphs to be addressed in full, including notes, as applicable
4. N/A - not addressed by this specification or standard

TABLE IB - QUALITY SYSTEMS DOCUMENTS / QUALITY SYSTEM ELEMENTS COMPARISON (NASA)

	QUALITY SYSTEMS STANDARDS				
QUALITY SYSTEM ELEMENTS (Q91)	ASQC Q91 (ISO 9001)	ASQC Q92 (ISO 9002)	NHB 5300.4 (1B)	NHB 5300.4 (1C)	ASQC Q94 (ISO 9004) [1]
Management Responsibility Organization	4.1 [3]	4.1	201	N/A [4]	4.2, 4.3, 5.5
Quality System Initial Quality Planning	4.2 [3]	4.2 [3]	200, 201	N/A [4]	4.4, 5.2, 5.3
Contract Review	4.3 [3]	4.3 [3]	502, 503	N/A [4]	7
Design Control	4.4	N/A [4]	206, 301, 902, 906	N/A [4]	8
Document Control	4.5	4.4	300, 302	202	5.2, 8.6, 8.8, 11.5, 11.6, 17
Purchasing	4.6	4.5	500-504	300-302	3.1, 3.11
Purchaser Supplied Product (GFM)	4.7 [3]	4.6 [3]	404, 1300, 1301	204	
Product Identification & Traceability	4.8	4.7	400-405, 601	N/A [4]	11.2
Process Control	4.9	4.8	600, 603, 604	307, 308	10, 11.3, 11.4
Inspection & Testing	4.10 [3]	4.9 [3]	505, 509, 602, 700-707, 902	200, 201, 303-305	9.7, 12
Inspection, Measuring, and Test Equipment	4.11	4.10	603, 900-907	310	13
Inspection and Test Status	4.12	4.11	705, 706, 1000	306	11.7
Control of Nonconforming Product	4.13	4.12	505, 800, 801, 803-806, 907	309	7.3, 14, 16.3
Corrective Action	4.14	4.13	203, 510, 802	309	13.4, 15
Handling, Storage, Packaging and Delivery	4.15	4.14	1100. 1101, 1102	203	16
Quality Records	4.16	4.15	506, 706	N/A [4]	5.3, 15
Internal Quality Audits	4.17	4.16	205	N/A [4]	5.4
Training	4.18	4.17	202, 509	N/A [4]	5.2, 18
Servicing	4.19	N/A [4]	N/A	N/A [4]	16.2
Statistical Techniques	4.20	4.18	203, 204, 507, 1200, 1201	311	20
Quality System Effectiveness	4.4, 4.16, 4.17	4.2, 4.16	204, 507	N/A [4]	4.4, 5.4, 17, 18.3

Notes

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