DATA ITEM DESCRIPTION

Form Approved
OMB No. 0704-0188

2. TITLE	1. IDENTIFICATION NUMBER
QUALITY CONFORMANCE INSPECTION AND TEST PROCEDURES	DI-RELI-80322

3. DESCRIPTION/PURPOSE

3.1 These data outline operation, and inspection procedures to be employed to conduct quality conformance tests by the contractor.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE
870220	N/FLTAC 3241		

7. APPLICATION/INTERRELATIONSHIP

7.1 This DID 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 to any contract containing requirements for quality conformance inspections and tests.

7.3 The procedures are normally required to be approved by the Government before used by

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8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		N4070

10. PREPARATION INSTRUCTIONS

10.1 Content and format. The procedures shall be in contractor format and shall include:

10.1.1 Identification of the item to be inspected, such as part number with revision letter and nomenclature.

10.1.2 The characteristics to be verified.

10.1.3 List of test equipment to be used to verify each characteristic. This list shall include all of the test equipment required to conduct the test of a section. It shall list the name and/or nomenclature, type number, range or spectrum required to conduct the test, accuracy required for the test, and alternate equipment that may be used. Schematics and block diagrams of any special test instrumentation shall be included at the end of the procedure, between the procedure and the data sheets.

10.1.4 Detailed operations to be performed by the test operator, including operational checks or preliminary calibration of test setup.

10.1.5 Exact method of inspection or measuring, including necessary manipulation of controls on the article involved and on the measuring and test equipment. A step-by-step procedure to obtain the data to determine conformance with the specification requirement.

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11. DISTRIBUTION STATEMENT

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

Block 7, Application/Interrelationship (Continued)

the contractor in acceptance testing.

7.4 This DID supersedes UDI-R-20332C.

7.5 This DID is related to DI-R-7065, Equipment Calibration Procedures.

Block 10, Preparation Instructions (Continued)

10.1.6 Conditions that must be maintained during inspection and test including ambient or environmental and precautions to be observed to prevent damage to the articles or instruments involved. The conditions shall include pictorial diagrams of the equipment set up, and adjustment or alignment of the test equipment and the equipment under test to make the measurement. The pictorial diagrams shall clearly identify each equipment to be utilized and the reference designation of connectors and interconnection cabling. If the diagrams are small, they may be inserted under the description of the conditions. If they are large, they shall be referenced in the description of the conditions.

10.1.7 Criteria for passing or failing the test or for determining conformance or rejection of the article including reference to workmanship standards. The requirement of the specification for the test performed shall be delineated. The applicable tolerances shall be included.

10.1.8 Details of sampling plans to be used if applicable.

10.1.9 All characteristics included in the specification and drawings. Each characteristic that has been classified in these documents as critical or major shall be identified in the inspection and test procedures by a suitable symbol or number.

10.1.10 Data sheets shall be included for recording data of each test. The data sheet shall also include specification requirement values with tolerances wherever applicable. The paragraphing of the data sheets correspond to the paragraphing of the test procedures. The use of check marks and "yes-no" answers for data sheets shall be avoided. Provisions for recording the date the test was performed, signature of tester, signature of inspector, and serial number of the equipment shall be included.