

DATA ITEM DESCRIPTION

Title: Equipment Inspection and Testing Report

Number: DI-NDTI-81583A

AMSC Number: 7650

DTIC Applicable: No

Office of Primary Responsibility: NS/I5223

Applicable Forms: N/A

Approval Date: 21 NOV 2006

Limitation: N/A

GIDEP Applicable: No

Use/relationship:

The Equipment Inspection and Testing Report contains the results of all equipment receiving acceptance inspection and testing and Environmental Stress Screening (ESS) and/or qualification testing.

The report is used to evaluate accept/reject rate during acceptance testing, ESS and/or qualification and corrective actions taken.

This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task equipment for this data included in the contract.

This DID supercedes DI-NDTI-81583.

Requirements:

1. Reference documents. None.
2. Format:

The report shall be in contractor's format.

3. Content:

The Equipment Inspection and Testing Report shall be prepared from accept/failure data collected during equipment qualification and/or production testing. The report shall contain the following:

3.1 Title page the contains:

3.1.1 Report title

3.1.2 Equipment nomenclature

3.1.3 Report date

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- 3.1.4 Security classification of the report
- 3.1.5 Contract number
- 3.1.6 Name (s) and official title (s) of the preparer (s) of the report
- 3.1.7 Signature of authorized company representative
- 3.2 Brief introduction that includes the scope and purpose of the report
- 3.3. A summary of equipment testing that includes:
 - 3.3.1 Equipment serial number
 - 3.3.2 Test name
 - 3.3.3 Start and end time/date
 - 3.3.4 Results (pass/fail)
 - 3.3.5 Failure analysis report (FAR) number (for tests with failures)
 - 3.3.6 Test procedure failure by paragraph number
 - 3.3.7 Cumulative operating time of acceptance testing and ESS
- 3.4 A summary of end item acceptance inspection and testing that includes:
 - 3.4.1 Inspection and test name (i.e., pre-ESS, post-ESS, leak, final, etc)
 - 3.4.2 Quantity and sampling level if applicable
 - 3.4.3 “First time seen” yield percentage
 - 3.4.4 Top five defects
 - 3.4.5 “Can-not-duplicate” electrical failures
 - 3.4.6 Inspection and test data
 - 3.4.7 Corrective action implemented (include failure analysis reports)
 - 3.4.8 Histograms which reflect the recorded variables in 3.3 and 3.4 above.

4. END OF DI-NDTI-81583A