

## DATA ITEM DESCRIPTION

**Title: EQUIPMENT INSPECTION AND TESTING REPORT**

Number: DI-NDTI-81583

Approval Date: 5 October 200

AMSC Number: G7398

Limitation: N/A

DTIC Applicable: N/A

GIDEP Applicable: No

Office of Primary Responsibility: G/Y243

Applicable Forms: None

### Use/relationship:

The Equipment Inspection and Testing Report contains the results of all equipment receiving acceptance inspection and testing and 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.

### Requirements:

1. Reference documents: None
2. Format: Contractor format is authorized.
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 that contains:
    - 3.1.1 Report title
    - 3.1.2 Equipment nomenclature
    - 3.1.3 Report date.
    - 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 representatives
  - 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

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- 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 10.1.3 and 10.1.4 above.