

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.