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

HANDLING PROCEDURES FOR ELECTROSTATIC DISCHARGE (ESD) SENSITIVE ITEMS

DI-RELI-80671A

3.1 Handling procedures describe the contractor's documented requirements for recurrent personnel training and ESD damage prevention handling procedures in all areas where ESD sensitive items are processed, tested, packaged or handled. The principal use is to provide the acquiring activity a basis for review and evaluation of the handling procedures and personnel training.

4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY	6a. DTIC APPLICABLE	6b. GIDP APPLICABLE
920828	SH		

7. APPLICATIN/INTERRELATIONSHIP

7.1 This DID contains the format and content preparation instructions for the Handling Procedures and Training resulting from the work tasks described by 5.5 and 5.7 of MIL-STD-1686B.

7.2 This DID supersedes DI-RELI-80671.

8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER
		N6781

10.1 Content Requirements. The ESD handling procedures shall provide detailed procedures for handling ESDS parts, assemblies and equipment to prevent damage due to electrostatic discharge. The following information shall be included, as applicable:

a. Training of personnel.
b. Preparation of test equipment, automatic handling equipment, device carriers, trays, carts, fixtures, tools, soldering equipment/machines, and cleaning equipment.
c. Requirements for ESD protected areas and work stations and their relationships to the ESDS classes of items handled.
d. Grounding procedures, including safety precautions, for protected areas, personnel and equipment.
e. Special considerations for unmounted dies, devices, and devices mounted on assemblies and equipment.
f. Applicability for use of humidifiers or ionized air blowers to reduce static charges.
g. Procedures for handling ESDS items in unprotected areas.
h. Installation site and storage requirements for ESDS items.
i. Monitoring by Quality Assurance (QA) personnel.
j. List of equipment and materials require to implement ESD protective procedures.

10.2 Format. The handling procedures shall be in contractor format.

11. DISTRIBUTION STATEMENT

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