

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		2. IDENTIFICATION NUMBER		
PRODUCTION INSPECTION EQUIPMENT TEST SYSTEMS ENGINEERING DESIGN DATA		DI-ALSS-81546		
3. DESCRIPTION/PURPOSE				
3.1 Engineering design data provides information pertinent to the design of components, equipment or software and necessary for the understanding of these items during subsequent test. Data is used for analytical evaluation of the inherent ability of the test systems to attain the required performance.				
4. APPROVAL DATE (YYMMDD)	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR)	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
970422	PEO(TAD) PMS422			
7. APPLICATION/INTERRELATIONSHIP				
7.1 This data item description contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement for this data included in the contract.				
8. APPROVAL LIMITATION	9a. APPLICABLE FORMS	9b. AMSC NUMBER		
		N7260		
10. PREPARATION INSTRUCTIONS				
<p>10.1 <u>Format</u>. The design data shall be in contractor format.</p> <p>10.2 <u>Content</u>. The Production Inspection Equipment Test Systems Engineering Design Data shall contain the following sections:</p> <p>10.2.1 <u>Design Data</u>. Design data shall include test programs and test program translations when the test system employs automatic test equipment.</p> <p>10.2.2 <u>Software Data</u>. Software data shall include an explanation of all special purpose extensions for the program language and description of the program logic. The software documentation shall be suitable for analytical evaluation of the inherent ability of the programming to perform all test and calibration requirements with respect to specifications in accordance with contract requirements</p> <p>10.2.3 <u>Equipment Programming Instruction (EPI)</u>. The EPI shall contain the procedures necessary to configure and link the program into an operating system. The EPI shall consist of functional descriptions of source language listings with sufficient commentary for understanding each subroutine (drivers), calculations, measurement point and error condition.</p>				
11. DISTRIBUTION STATEMENT				
<p>Distribution Statement A: Approved for public release.</p> <p>Distribution is unlimited.</p>				