DATA ITEM DESCRIPTION

TITLE: TEST PACKAGE

Number: DI-ALSS-81525A   **Approval Date:** 30 July 1999
AMSC Number: N7347   **Limitation:**
DTIC Applicable: No   **GIDEP Applicable:** No
Office Of Primary Responsibility: N/AS/PMA205
Applicable Forms: None
Use/relationship: The Test Package is used to examine and evaluate an individual's or unit's achievement of specific learning objectives or performance standards.

a. This Data Item Description (DID) contains the preparation instructions for the content and format of the Test Package.

b. This DID contains the format, content, and intended use information for the data product resulting from the performance requirements described by 3.2.9 of MIL-PRF-29612A, and is applicable to the acquisition of training data products. Data product performance evaluation criteria are specified in 4.3.9 of MIL-PRF-29612A.

c. It is not intended that all the requirements contained herein should be applied to every program or program phase. Portions of this DID are subject to deletion tailoring depending upon the program phase in which it is applied in the contract. Any individual data requirement contained in this DID is subject to deletion tailoring.

d. This DID supersedes DI-ILSS-81525.

Requirements:

1. <u>Format</u>. The format of data contained within this DID is as follows:

     a. For paper-based products contractor format is acceptable.
     b. Standard digital data shall comply with the content and format requirements specified in the Defense Data Dictionary System (DDDS).

2. <u>Content</u>. The Test Package shall contain the following:

2.1 <u>Front matter</u>. The content of front matter shall be in accordance with Appendix A of MIL-PRF-29612A.

2.2 <u>Test items</u>. This data shall consist of the following:

     a. Individual test items.
     b. Test item identifier.
     c. A cross-reference list of test item identifiers and related Learning Objective (LOs) identifiers.
     d. Answers to individual test items with the supporting reference identifier.
     e. A description of test item criticality to:

1

(1) Safety.
(2) Overall measurement of trainee's ability to perform required tasks.
(3) Environmental considerations.

f.　A description of test item constraints (e.g., personnel, safety, environmental).
g.　A description of test item support materials (e.g., publications, equipment, software, and hardware requirements).
h.　Test item type (e.g., performance, prediction of performance).

2.3 Test(s). This data shall consist of the following:

a.　Cover sheet.
b.　Instructions for taking the test.
c.　Safety considerations.
d.　Test items.
e.　Student response recording capability.
f.　A list of all materials required for test item administration and completion.
g.　Computer managed instruction interface capability.
h.　Storage/maintenance instructions and container/jacket.
i.　Random test generation capability.
j.　Test type (e.g., performance, prediction of performance).

2.4 Test administration materials. This data shall consist of the following:

2.4.1 Testing plan. This data shall document the test strategy for individual courses and shall consist of the following:

a.　Minimum passing grade for the course and rationale.
b.　Schedule of tests administered in the course and learning objectives measured by each test.
c.　A description of the types of tests and methods used to determine the trainee's grade, with rationale.
d.　A description of the grading and weighting criteria for each test.
e.　A description of the method to be used to determine the trainee's final course grade.
f.　A description of the review, remediation, and retesting procedures.
g.　A description of the testing constraints which prevent testing of learning objectives as stated with work-around justification.
h.　A description of the method (e.g., rating scales, yes/no, SAT/UNSAT) used to assign grades to performance tests with supporting documentation for conversion to numerical grade.
i.　Rationale for courses which have SAT/UNSAT grading criteria.
j.　Rationale for test item and test placement within the structure of the course.
k.　A description of the methodology used to generate random tests.

2.4.2 Test administration data. This data shall contain the materials necessary for the test administrator to conduct individual tests. It shall consist of:

a.　Cover.

DI-ALSS-81525A

b. Instructions to the individual conducting the tests shall include pre-test duties to be completed in preparation for the test, pre-test instructions to the individuals taking the test, test monitoring guidance, and post-test instructions.

c. Test answer sheet to include data identifying location of response in supporting documentation.

d. Answer key(s)/scoring templates.

e. A description of test item criticality to:

(1) Safety.
(2) Overall measurement of trainee's ability to perform required tasks.
(3) Environmental considerations.

f. A description of test item constraints (e.g., personnel, safety).

g. A description of test item support materials (e.g., publications, equipment).

h. Flow charts for computer-based tests which depict the placement of test and test items within the course and branching for remediation.

i. Computer-based grade computation strategy.

j. Test item selection criteria for computer generated test(s).

k. Program documentation for computer generated test(s).

l. Test supplements that contain information concerning special items required by the examinee during the test that will not be provided by the test administrator.

m. Computer software for generation of multiple tests, by random selection of test items.

n. Computer software for administration of tests (run-time version).

2.4.3 Test notices. This data shall contain information concerning test administration dates and the identity of study materials.

2.5 Test item cross-reference chart. This data shall include the following:

a. A cross-reference chart showing the relationships among test item, lesson topic, learning objective, training task, and job task.

b. A cross-reference chart showing the relationships among test item, course learning objective, topic learning objective, personnel performance profile, and training path system.

3. Standard digital data. Standard digital data shall be delivered for the Standard Data Elements (SDEs) marked with an [X] in the "Required" box in Table 1.

DI-ALSS-81525A

TABLE 1. Standard digital data requirements

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
2. Content. The Test Package shall contain the following:) DOCUMENT IDENTIFIER DOCUMENT Purpose Code EXAMINATION DOCUMENT Identifier EXAMINATION IDENTIFIER	
(2.1 Front matter. The content of front matter shall be in accordance with Appendix A of MIL-PRF-29612A.) DOCUMENT ASSOCIATION Reason Code (Dev) DOCUMENT Category Code DOCUMENT Date (Dev) DOCUMENT DATE Type Code DOCUMENT IDENTIFIER DOCUMENT Name (SDE) DOCUMENT NAME Type Code DOCUMENT Purpose Code DOCUMENT Purpose Text DOCUMENT STANDARD STATEMENT Text DOCUMENT STANDARD STATEMENT Type Code DOCUMENT TYPE Code (Dev) EDUCATIONAL-DISCIPLINE CODE EVALUATION EVENT Reason Code EVALUATION METHODOLOGY Identifier EVENT IDENTIFIER EVENT RESULT Identifier EVENT TYPE Code EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE DOCUMENT Reason Code GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TEXT GUIDANCE TYPE Code (Dev) INSTRUCTIONAL UNIT ASSOCIATION Reason Code (SDE) INSTRUCTIONAL UNIT DOCUMENT Reason Code INSTRUCTIONAL UNIT EDUCATIONAL DISCIPLINE Reason Code INSTRUCTIONAL UNIT TOPIC Code INSTRUCTIONAL-UNIT DESCRIPTION TEXT INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-NAME TEXT MATERIEL GUIDANCE Reason Code MATERIEL ITEM TYPE CODE (SDE) MATERIEL-ITEM IDENTIFIER METHODOLOGY Identifier OCCUPATION NAME OCCUPATION-INSTRUCTIONAL-UNIT REASON CODE OCCUPATIONAL SPECIALTY CODE Identifier OCCUPATIONAL SPECIALTY CODE Type Code ORGANIZATION DOCUMENT Organization Role Code ORGANIZATION DOCUMENT Reason Code	

4

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
ORGANIZATION IDENTIFIER ORGANIZATION TYPE CATEGORY CODE (SDE) ORGANIZATION-DOCUMENT BEGIN DATE ORGANIZATION-DOCUMENT END DATE ORGANIZATION-GUIDANCE REASON CODE ORGANIZATION-INSTRUCTIONAL-UNIT-ROLE CODE ORGANIZATION-NAME TEXT ORGANIZATION-OCCUPATION REASON CODE POSITION Description Text POSITION IDENTIFIER POSITION-TASK-TYPE BEGIN DATE POSITION-TASK-TYPE END DATE POSITION-TASK-TYPE REASON CODE RISK GUIDANCE Identifier RISK Identifier RISK LEVEL Code RISK Type Code TASK DOCUMENT Reason Code TASK IDENTIFIER	
(2.2 Test items. This data shall consist of the following:) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can)	
(2.2 a. Individual test items.) INQUIRY ITEM Identifier (Can) INQUIRY ITEM TYPE Code KNOWLEDGE-BASED INQUIRY ITEM TYPE Code PERFORMANCE BASED INQUIRY ITEM TYPE Code	
(2.2 b. Test item identifier.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier LEARNING-OBJECTIVE IDENTIFIER	
(2.2 c. A cross-reference list of test item identifiers and related Learning Objective (LOs) identifiers.) INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier LEARNING-OBJECTIVE IDENTIFIER	
(2.2 d. Answers to individual test items with the supporting reference identifier.) DOCUMENT IDENTIFIER DOCUMENT Name (SDE) DOCUMENT Purpose Code INQUIRY ITEM DOCUMENT Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM PREDEFINED ANSWER Identifier	
(2.2 e. A description of test item criticality to:) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Criticality Code INQUIRY ITEM Identifier (Can)	

5

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.2 e(1) Safety.) GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev) INQUIRY ITEM GUIDANCE Criticality Code INQUIRY ITEM GUIDANCE Identifier INQUIRY ITEM Identifier (Can)	
(2.2 e(2) Overall measurement of trainee's ability to perform required tasks.) INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Criticality Code INQUIRY ITEM LEARNING OBJECTIVE Identifier LEARNING-OBJECTIVE IDENTIFIER TASK IDENTIFIER TASK LEARNING OBJECTIVE Reason Code	
(2.2 e(3) Environmental considerations.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev) INQUIRY ITEM GUIDANCE Criticality Code INQUIRY ITEM GUIDANCE Identifier INQUIRY ITEM Identifier (Can)	
(2.2 f. A description of test item constraints (e.g., personnel, safety, environmental).) CONSTRAINT Description Text CONSTRAINT Identifier CONSTRAINT Type Code INQUIRY ITEM CONSTRAINT Identifier INQUIRY ITEM Identifier (Can)	
(2.2 g. A description of test item support materials (e.g., publications, equipment, software, and hardware requirements).) DOCUMENT TYPE Identifier (Dev) FACILITY TYPE Identifier (Dev) INQUIRY ITEM DOCUMENT Identifier INQUIRY ITEM FACILITY TYPE Reason Code INQUIRY ITEM Identifier (Can) INQUIRY ITEM MATERIEL Reason Code INQUIRY ITEM PERSON TYPE Person Type Role Code MATERIEL IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE PERSON-TYPE IDENTIFIER	
(2.2 h. Test item type (e.g., performance, prediction of performance).) INQUIRY ITEM Identifier (Can) INQUIRY ITEM TYPE Code	
(2.3 Test(s). This data shall consist of the following:) DOCUMENT IDENTIFIER EXAMINATION DOCUMENT Identifier EXAMINATION IDENTIFIER	
(2.3 a. Cover sheet.) DOCUMENT ASSOCIATION Reason Code (Dev) DOCUMENT Category Code	

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
DOCUMENT IDENTIFIER DOCUMENT NAME Type Code DOCUMENT Purpose Code	
(2.3 b. Instructions for taking the test.) DOCUMENT IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE DOCUMENT Reason Code GUIDANCE IDENTIFIER GUIDANCE TYPE Code (Dev)	
(2.3 c. Safety considerations.) EXAMINATION GUIDANCE Identifier EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev)	
(2.3 d. Test items.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM Text	
(2.3 e. Student response recording capability.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can) QUALITATIVE OUTCOME EXAMINATION INQUIRY ITEM Outcome Text QUANTITATIVE OUTCOME EXAMINATION INQUIRY ITEM Outcome Quantity	
(2.3 f. A list of all materials required for test item administration and completion.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier FACILITY TYPE Identifier (Dev) INQUIRY ITEM FACILITY TYPE Reason Code INQUIRY ITEM Identifier (Can) INQUIRY ITEM MATERIEL Reason Code INQUIRY ITEM PERSON TYPE Person Type Role Code MATERIEL IDENTIFIER PERSON-TYPE IDENTIFIER	
(2.3 g. Computer managed instruction interface capability.) DOCUMENT FORMAT TYPE Code DOCUMENT IDENTIFIER EXAMINATION DOCUMENT Identifier EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE DOCUMENT Reason Code GUIDANCE IDENTIFIER GUIDANCE TYPE Code (Dev)	
(2.3 h. Storage/maintenance instructions and container/jacket.) DOCUMENT ASSOCIATION Reason Code (Dev) DOCUMENT Category Code DOCUMENT IDENTIFIER DOCUMENT NAME Type Code	

7

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
DOCUMENT Purpose Code EXAMINATION DOCUMENT Identifier EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE DOCUMENT Reason Code GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev)	
(2.3 i.　　　Random test generation capability.) CAPABILITY IDENTIFIER CAPABILITY TYPE Code (Dev) EXAMINATION CAPABILITY Identifier EXAMINATION CAPABILITY Type Code EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can)	
(2.3 j.　　　Test type (e.g., performance, prediction of performance).) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM TYPE Code	
(2.3.k　　　A description of the methodology used to generate random tests.)	
(2.4　Test administration materials. This data shall consist of the following:) EXAMINATION GUIDANCE Identifier EXAMINATION IDENTIFIER GUIDANCE IDENTIFIER GUIDANCE Purpose Code	
(2.4.1　Testing plan. This data shall document the test strategy for individual courses and shall consist of the following:) EXAMINATION GUIDANCE Identifier EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE TYPE Code (Dev) GUIDANCE-CITATION TYPE CODE	
(2.4.1 a.　　　Minimum passing grade for the course and rationale.) GUIDANCE IDENTIFIER GUIDANCE Purpose Code INSTRUCTIONAL UNIT COMPLETION REQUIREMENT Rationale Text INSTRUCTIONAL-UNIT COMPLETION REQUIREMENT TEXT INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING OBJECTIVE PERFORMANCE STANDARD Reason Code LEARNING-OBJECTIVE IDENTIFIER PERFORMANCE REQUIREMENT Reason Code PERFORMANCE STANDARD GUIDANCE Identifier PERFORMANCE STANDARD Identifier PERFORMANCE STANDARD PERFORMANCE REQUIREMENT Reason Code	
(2.4.1 b.　　　Schedule of tests administered in the course and learning objectives measured by each test.)	

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
EXAMINATION IDENTIFIER INSTRUCTIONAL UNIT ASSOCIATION Reason Code (SDE) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER	
(2.4.1 c.　　A description of the types of tests and methods used to determine the trainee's grade, with rationale.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier EXAMINATION PERFORMANCE INDICATOR MEASUREMENT Identifier EXAMINATION TYPE Code GUIDANCE IDENTIFIER INQUIRY ITEM Identifier (Can) INQUIRY ITEM TYPE Code INSTRUCTIONAL UNIT EXAMINATION Grading Algorithm INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE PERFORMANCE STANDARD GUIDANCE Identifier PERFORMANCE STANDARD Identifier	
(2.4.1 d.　　A description of the grading and weighting criteria for each test.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Grading Criterion EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Criticality Code INQUIRY ITEM Identifier (Can) INQUIRY ITEM TYPE Code INSTRUCTIONAL UNIT EXAMINATION Grading Algorithm INSTRUCTIONAL UNIT EXAMINATION Grading Criterion INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE	
(2.4.1 e.　　A description of the method to be used to determine the trainee's final course grade.) EVALUATION CRITERION Description Text EVALUATION CRITERION Identifier EVALUATION IDENTIFIER INSTRUCTIONAL UNIT EVALUATION Grading Algorithm Text INSTRUCTIONAL UNIT EVALUATION Reason Code INSTRUCTIONAL-UNIT IDENTIFIER	
(2.4.1 f.　　A description of the review, remediation, and retesting procedures.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE SUBJECT TEXT GUIDANCE SYNOPSIS TEXT GUIDANCE TYPE Code (Dev) GUIDANCE-CITATION TYPE CODE INSTRUCTIONAL UNIT GUIDANCE Reason Code INSTRUCTIONAL-UNIT IDENTIFIER	
(2.4.1 g.　　A description of the testing constraints which prevent testing of learning	

9

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
objectives as stated with work-around justification.)	
ANALYSIS ALTERNATIVE CONSTRAINT Identifier ANALYSIS ALTERNATIVE Description Text ANALYSIS ALTERNATIVE Identifier CONSTRAINT Description Text CONSTRAINT Identifier EXAMINATION CONSTRAINT Identifier EXAMINATION IDENTIFIER INQUIRY ITEM CONSTRAINT Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER	
(2.4.1 h.　　　A description of the method (e.g., rating scales, yes/no, SAT/UNSAT) used to assign grades to performance tests with supporting documentation for conversion to numerical grade.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM METHODOLOGY Reason Code INQUIRY ITEM OUTCOME Type Code INQUIRY ITEM PERFORMANCE STANDARD Reason Code METHODOLOGY Identifier PERFORMANCE REQUIREMENT Reason Code PERFORMANCE STANDARD Description Text PERFORMANCE STANDARD Identifier PERFORMANCE STANDARD PERFORMANCE REQUIREMENT Quantity PERFORMANCE STANDARD PERFORMANCE REQUIREMENT Reason Code	
(2.4.1 i.　　　Rationale for courses which have SAT/UNSAT grading criteria.) EVALUATION IDENTIFIER EVALUATION METHODOLOGY Identifier EVALUATION METHODOLOGY Type Code EXAMINATION EVALUATION Reason Code (Can) EXAMINATION IDENTIFIER INSTRUCTIONAL UNIT Rationale Text INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE METHODOLOGY Identifier	
(2.4.1 j.　　　Rationale for test item and test placement within the structure of the course.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier EXAMINATION INQUIRY ITEM Rationale Text INQUIRY ITEM Identifier (Can) INSTRUCTIONAL UNIT ASSOCIATION Reason Code (SDE) INSTRUCTIONAL UNIT CREDIT Quantity INSTRUCTIONAL UNIT CREDIT Type Code INSTRUCTIONAL UNIT EXAMINATION Rationale Text INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE	

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE	
(2.4.1 k.　　A description of the methodology used to generate random tests.) TEST-DESIGN-METHOD DESCRIPTION TEXT	
(2.4.2 <u>Test administration data</u>. This data shall contain the materials necessary for the test administrator to conduct individual tests. It shall consist of:) DOCUMENT IDENTIFIER EXAMINATION GUIDANCE Identifier EXAMINATION IDENTIFIER GUIDANCE DOCUMENT Reason Code GUIDANCE IDENTIFIER GUIDANCE Purpose Code	
(2.4.2 a.　　Cover.) DOCUMENT ASSOCIATION Reason Code (Dev) DOCUMENT Category Code DOCUMENT IDENTIFIER DOCUMENT NAME Type Code DOCUMENT Purpose Code	
(2.4.2 b.　　Instructions to the individual conducting the tests shall include pre-test duties to be completed in preparation for the test, pre-test instructions to the individuals taking the test, test monitoring guidance, and post-test instructions.) EXAMINATION GUIDANCE Identifier EXAMINATION IDENTIFIER GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev)	
(2.4.2 c.　　Test answer sheet to include data identifying location of response in supporting documentation.) DOCUMENT Date (Dev) DOCUMENT DATE Type Code DOCUMENT IDENTIFIER DOCUMENT Name (SDE) DOCUMENT Purpose Code DOCUMENT TYPE Code (Dev) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM DOCUMENT Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM PREDEFINED ANSWER Identifier	
(2.4.2 d.　　Answer key(s)/scoring templates.) EXAMINATION GUIDANCE Identifier EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier GUIDANCE IDENTIFIER INQUIRY ITEM GUIDANCE Identifier INQUIRY ITEM Identifier (Can) INQUIRY ITEM PERFORMANCE STANDARD Reason Code INQUIRY ITEM PREDEFINED ANSWER Identifier PERFORMANCE STANDARD GUIDANCE Identifier PERFORMANCE STANDARD Identifier	
(2.4.2 e.　　A description of test item criticality to:)	

11

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Criticality Code INQUIRY ITEM Identifier (Can)	
(2.4.2 e(1) Safety.) GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev) INQUIRY ITEM GUIDANCE Criticality Code INQUIRY ITEM GUIDANCE Identifier INQUIRY ITEM Identifier (Can)	
(2.4.2 e(2) Overall measurement of trainee's ability to perform required tasks.) INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Criticality Code INQUIRY ITEM LEARNING OBJECTIVE Identifier LEARNING-OBJECTIVE IDENTIFIER TASK IDENTIFIER TASK LEARNING OBJECTIVE Reason Code	
(2.4.2 e(3) Environmental considerations.) GUIDANCE CATEGORY CODE GUIDANCE IDENTIFIER GUIDANCE Purpose Code GUIDANCE TYPE Code (Dev) INQUIRY ITEM GUIDANCE Identifier INQUIRY ITEM Identifier (Can)	
(2.4.2 f. A description of test item constraints (e.g., personnel, safety).) CONSTRAINT Identifier CONSTRAINT Type Code INQUIRY ITEM CONSTRAINT Identifier INQUIRY ITEM Identifier (Can)	
(2.4.2 g. A description of test item support materials (e.g., publications, equipment).) DOCUMENT TYPE Identifier (Dev) FACILITY TYPE Identifier (Dev) INQUIRY ITEM DOCUMENT Identifier INQUIRY ITEM FACILITY TYPE Reason Code INQUIRY ITEM Identifier (Can) INQUIRY ITEM MATERIEL Reason Code INQUIRY ITEM PERSON TYPE Person Type Role Code MATERIEL IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE PERSON-TYPE IDENTIFIER	
(2.4.2 h. Flow charts for computer-based tests which depict the placement of test and test items within the course and branching for remediation.) DOCUMENT FORMAT TYPE Code DOCUMENT IDENTIFIER EXAMINATION IDENTIFIER INSTRUCTIONAL UNIT DOCUMENT Reason Code INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE	

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
(2.4.2 i.　　　Computer-based grade computation strategy.) EVALUATION IDENTIFIER EXAMINATION EVALUATION Reason Code (Can) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INQUIRY ITEM Identifier (Can) INSTRUCTIONAL UNIT ASSOCIATION Reason Code (SDE) INSTRUCTIONAL UNIT EVALUATION Grading Algorithm Text INSTRUCTIONAL UNIT EVALUATION Reason Code INSTRUCTIONAL UNIT TYPE CODE (SDE) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT TYPE CODE INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE	
(2.4.2 j.　　　Test item selection criteria for computer generated test(s).) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Grading Algorithm EXAMINATION INQUIRY ITEM Identifier EXAMINATION INQUIRY ITEM Rationale Text INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier LEARNING-OBJECTIVE IDENTIFIER	
(2.4.2 k.　　　Program documentation for computer generated test(s).) DOCUMENT Date (Dev) DOCUMENT DATE Type Code DOCUMENT Description Text (Dev) DOCUMENT IDENTIFIER EXAMINATION DOCUMENT Identifier EXAMINATION IDENTIFIER INFORMATION ASSET DOCUMENT Reason Code INFORMATION ASSET TYPE CODE (SDE) INFORMATION-ASSET IDENTIFIER	
(2.4.2 l.　　　Test supplements that contain information concerning special items required by the examinee during the test that will not be provided by the test administrator.) DOCUMENT ASSOCIATION Reason Code (Dev) DOCUMENT Category Code DOCUMENT IDENTIFIER DOCUMENT NAME Type Code DOCUMENT Purpose Code EXAMINATION DOCUMENT Identifier EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier FACILITY TYPE Identifier (Dev) INQUIRY ITEM DOCUMENT Identifier INQUIRY ITEM FACILITY TYPE Reason Code INQUIRY ITEM Identifier (Can) INQUIRY ITEM MATERIEL Reason Code INQUIRY ITEM PERSON TYPE Person Type Role Code MATERIEL IDENTIFIER MATERIEL-ITEM IDENTIFIER MATERIEL-ITEM TYPE CODE	

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
PERSON-TYPE IDENTIFIER	
(2.4.2 m.　　　Computer software for generation of multiple tests, by random selection of test items.) EXAMINATION IDENTIFIER EXAMINATION INQUIRY ITEM Identifier INFORMATION ASSET TYPE CODE (SDE) INFORMATION-ASSET IDENTIFIER INQUIRY ITEM Identifier (Can) INQUIRY ITEM INFORMATION ASSET Algorithm Description Text INQUIRY ITEM INFORMATION ASSET Reason Code	
(2.4.2 n.　　Computer software for administration of tests (run-time version).) INFORMATION-ASSET IDENTIFIER ORGANIZATION IDENTIFIER INFORMATION-ASSET VERSION IDENTIFIER INFORMATION-ASSET TYPE CODE SOFTWARE-APPLICATION FUNCTIONAL DESCRIPTION TEXT	
(2.4.3 Test notices. This data shall contain information concerning test administration dates and the identity of study materials.) DOCUMENT Date (Dev) DOCUMENT DATE Type Code DOCUMENT IDENTIFIER DOCUMENT Name (SDE) DOCUMENT TYPE Code (Dev) EXAMINATION IDENTIFIER INSTRUCTIONAL UNIT ASSOCIATION Reason Code (SDE) INSTRUCTIONAL UNIT DOCUMENT Reason Code INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-ASSOCIATION REASON CODE INSTRUCTIONAL-UNIT-EXAMINATION REASON CODE ORGANIZATION DOCUMENT Organization Role Code ORGANIZATION DOCUMENT Reason Code ORGANIZATION IDENTIFIER ORGANIZATION-DOCUMENT BEGIN DATE ORGANIZATION-DOCUMENT END DATE ORGANIZATION-NAME TEXT PERSON DOCUMENT Person Role Code PERSON IDENTIFIER	
(2.5 Test item cross-reference chart. This data shall include the following:) INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier LEARNING-OBJECTIVE IDENTIFIER TASK IDENTIFIER TASK LEARNING OBJECTIVE Reason Code	
(2.5 a.　　　A cross-reference chart showing the relationships among test item, lesson topic, learning objective, training task, and job task.) INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier INSTRUCTIONAL UNIT TOPIC Code INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING-OBJECTIVE IDENTIFIER	

14

DI-ALSS-81525A

TABLE 1. Standard digital data requirements - Continued

DID PARAGRAPH AND RELATED STANDARD DATA ELEMENT(S)	REQUIRED
TASK IDENTIFIER TASK LEARNING OBJECTIVE Reason Code TASK Purpose Code TASK-TYPE CATEGORY CODE	
(2.5 b. A cross-reference chart showing the relationships among test item, course learning objective, topic learning objective, personnel performance profile, and training path system.) DOCUMENT Category Code DOCUMENT TYPE Code (Dev) INQUIRY ITEM Identifier (Can) INQUIRY ITEM LEARNING OBJECTIVE Identifier INSTRUCTIONAL UNIT TYPE CODE (SDE) INSTRUCTIONAL-UNIT IDENTIFIER INSTRUCTIONAL-UNIT TYPE CODE INSTRUCTIONAL-UNIT-LEARNING-OBJECTIVE REASON CODE LEARNING OBJECTIVE DOCUMENT Reason Code LEARNING-OBJECTIVE IDENTIFIER PERFORMANCE STANDARD DOCUMENT Identifier PERFORMANCE STANDARD DOCUMENT Reason Code PERSON TYPE PERFORMANCE STANDARD Code PERSON TYPE PERFORMANCE STANDARD Identifier	

4. End of DI-ALSS-81525A.