COMPLETE

ENGINEERING CHANGE NOTICE

1. ECN 627898

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Proj.
ECN

2. ECN Category (mark one) Supplemental ☐ Direct Revision ☒ Change ECN ☐ Temporary ☐ Standby ☐ Supersedeure ☐ Cancel/Void ☐	3. Originator's Name, Organization, MSIN, and Telephone No. <i>5780 KN</i> W. R. Markillie, DAES, E6-21, 372-2048 5. Project Title/No./Work Order No. <i>KN</i> <i>F98WR4</i> WHC-SD-WM-ATP-102 Acceptance Test Plan for the Waste Information and Control System 8. Document Numbers Changed by this ECN (includes sheet no. and rev.) WHC-SD-WM-ATP-102 REV. 0	3a. USQ Required? ☐ Yes ☒ No 6. Bldg./Sys./Fac. No. <i>N/A KN</i> <i>2225</i>	4. Date May 29, 1996 7. Approval Designator Q 9. Related ECN No(s). N/A 10. Related PO No. N/A
11a. Modification Work ☐ Yes (fill out Blk. 11b) ☒ No (NA Blks. 11b, 11c, 11d)	11b. Work Package No. N/A	11c. Modification Work Complete N/A Cog. Engineer Signature & Date	11d. Restored to Original Condition (Temp. or Standby ECN only) N/A Cog. Engineer Signature & Date
12. Description of Change <p>Rewrite of the Acceptance Test Plan (ATP) to provide for testing the revised version of the Waste Information and Control System (WICS). WICS had been revised to accommodate such needed system changes as those listed below.</p> <p>Improve user interface effectiveness by including more extensive data on individual data input and display screens.</p> <p>Resolve communication problems between the Workstation and the Handheld Computer Unit (HCU).</p>			
13a. Justification (mark one) Criteria Change ☒ Design Improvement ☐ Environmental ☐ Facility Deactivation ☐ As-Found ☐ Facilitate Const. ☐ Const. Error/Omission ☐ Design Error/Omission ☐			
13b. Justification Details <p>User experience with an earlier version of WICS had identified a number of needed improvements in the user interface and some problems with communications between system components. Because the software platform used for the earlier version of WICS, Paradox for Windows, was unable to accommodate the needed improvements, another software platform, Borland Delphi, was used. Using a new software platform and the system improvement require a comprehensive test of WICS, hence the rewrite of the ATP.</p>			
14. Distribution (include name, MSIN, and no. of copies) See distribution sheet.			

JUN 17 1996	
DATE:
STA:	
21	

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15. Design Verification Required	16. Cost Impact				17. Schedule Impact (days)	
	ENGINEERING		CONSTRUCTION			
	Additional Savings		Additional Savings			
☐ Yes	1	☐ \$ N/A	☐ \$ N/A		Improvement	N/A
☒ No		☐ \$ N/A	☐ \$ N/A		Delay	N/A

that will be affected by the change described in Block 12. Enter the affected document number in Block 19.

SDD/DD		Seismic/Stress Analysis		Tank Calibration Manual	
Functional Design Criteria	[]	Stress/Design Report	[]	Health Physics Procedure	[]
Operating Specification	[]	Interface Control Drawing	[]	Sparex Multiple Unit Listing	[]
Criticality Specification	[]	Calibration Procedure	[]	Test Procedures/Specification	[]
Conceptual Design Report	[]	Installation Procedure	[]	Component Index	[]
Equipment Spec.	[]	Maintenance Procedure	[]	ASME Coded Item	[]
Const. Spec.	[]	Engineering Procedure	[]	Human Factor Consideration	[]
Procurement Spec.	[]	Operating Instruction	[]	Computer Software	[]
Vendor Information	[]	Operating Procedure	[]	Electric Circuit Schedule	[]
OM Manual	[]	Operational Safety Requirement	[]	ICRS Procedure	[]
FSAR/SAR	[]	IEFD Drawing	[]	Process Control Manual/Plan	[]
Safety Equipment List	[]	Cell Arrangement Drawing	[]	Process Flow Chart	[]
Radiation Work Permit	[]	Essential Material Specification	[]	Purchase Requisition	[]
Environmental Impact Statement	[]	Fac. Proc. Samp. Schedule	[]	Tickler File	[]
Environmental Report	[]	Inspection Plan	[]		[]
Environmental Permit	[]	Inventory Adjustment Request	[]		[]

N/A

Document Number/Revision	Document Number/Revision	Document Number/Revision
N/A		

20. Approvals

[illegible]

Acceptance Test Plan For The Waste Information and Control System

W.R. Markillie

ICF Kaiser Hanford, Richland, WA 99352

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ATP

Abstract: This document describes the acceptance test plan for the WICS system.

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Karen H. Toland
Release Approval

6/17/96
Date

JUN 17 1996	
DATE:
STA:	
21	ID: (21)

Release Stamp

Approved for Public Release

ACCEPTANCE TEST PLAN

FOR THE

WASTE INFORMATION AND CONTROL SYSTEM

Revision 1

Prepared by:

Data Automation Engineering & Services
ICF Kaiser Hanford Company

June 1996

Prepared for:

Westinghouse Hanford Company
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ACCEPTANCE TEST PLAN FOR THE WASTE INFORMATION AND CONTROL SYSTEM

1.0 INTRODUCTION

1.1 Purpose

The Westinghouse Hanford Company (WHC) Hazardous Materials Control Group (HMC) of the 222-S Laboratory has requested development of a system to help resolve many of the difficulties associated with tracking and data collection of containers and drums of waste. This project has been identified as the *Waste Information and Control System (WICS)*. Further definition is contained in the system requirements specification (SRS), (ref. 7).

1.2 Scope

This document satisfies the requirement for acceptance planning and acceptance testing as stated in the WICS Work Plan, (ref. 6).

After the acceptance testing has been completed, an Acceptance Test Report (ATR) describing the results of testing shall be issued.

1.3 Overview

This Acceptance Test Plan (ATP) provides test plan information and defines the test procedures for the WICS. It includes the requirements and criteria as taken from the SRS, (ref. 7). The ATP has been prepared following the WHC-CM-3-10 "Software Practices" (ref. 3) guidelines. The ATP shall serve as the testing document to ensure the specific requirements of the WICS are met with regard to assurance of the accuracy and quality of data managed with WICS.

1.4 Definitions

The following are abbreviations and definitions of terms used in this document:

AD	Approval Designator
DAES	Data Automation Engineering & Services Department/ICF Kaiser Hanford
ATP	Acceptance Test Plan
ATR	Acceptance Test Report
DOE	Department of Energy
ECN	Engineering Change Notice
EDT	Engineering Data Transmittal
ICFKH	ICF Kaiser Hanford Company
HLAN	Hanford Local Area Network
OTP	Operability Test Procedure
OTR	Operability Test Report
QA	Quality Assurance
PC	Personal Computer
RCR	Review Comment Record

SC	Safety Class
SRS	System Requirements Specification
TS	Test Specifications
WHC	Westinghouse Hanford Company
WICS	Waste Information and Control System

Application -- The use of quality-affecting computer software, programs, models, or other computer items to perform engineering design analysis, calculations, scientific analysis, data acquisition or to operate hardware or facilities.

Approval Designator -- Defined in WHC-CM-3-5, section 12.7 (ref. 2).

Computer Software -- A set of computer codes, procedures, rules, and associated documentation and data pertaining to the operation of computer systems. This includes user-provided instructions and data that implement preprogrammed algorithms in control systems; computer codes and data that shall reside in firmware, and when specified by the cognizant manager, user-provided instructions and data used by commercial software such as spread sheet and database packages.

Computer Software/System Requirements Specification -- The documentation of essential requirements (functions, performance, design constraints and attributes) of the computer software and its external interfaces.

Database -- A generic term referring to the storage of data by a computer in a certain data structure.

Design Agent -- Previously the *project* Cognizant Engineer under WHC-CM-6-1, Standard Engineering Practices (ref. 5) and WHC-CM-3-10, Software Practices (ref. 3) Was the lead engineer in the organization chartered with developing the product. Implementing procedure deviation is contained in ICFKH-CM-SRM 1.2D2, Manuals, Procedures, and Instructions, (ref. 10).

Design Authority -- Responsible engineer delegate of the system owner. Has responsibility for the *system* as defined by WHC-CM-6-1, Standard Engineering Practices, for the facility and user. Implementing procedure deviation is contained in ICFKH-CM-SRM 1.2D2, Manuals, Procedures, and Instructions, (ref. 10).

Engineering Practices -- Documented management methods (ref. 5) which establish the manner and the order for the performance of common configuration management practices relating to engineering tasks.

Lead Engineer -- Responsible engineer within the performing development organization that assumes Design Agent Engineer responsibility for development of the system.

Quality Record -- A completed document that furnishes evidence of the quality of items and/or activities affecting quality.

Safety Class -- Defined in WHC-CM-4-46 (ref. 1).

Software Practices -- Documented management methods (ref. 3) which establish the manner and the order for the performance of common configuration management practices relating to software and systems engineering tasks.

2.0 TEST PLAN

2.1 Test Items

This ATP is designed to test the functional requirements of the WICS and to determine whether or not they have been satisfied based on the defined Testing and Acceptance Criteria. The functional requirements can be found in the System Requirements Specification for Waste Information and Control System (WICS) (ref. 7), Section 3.0 "SPECIFIC REQUIREMENTS". The test criteria is contained in Section 3.6.11, "Testing and Acceptance Criteria" of the same document. The requirements and criteria have been mapped into the procedures and test cases provided herein.

2.2 Features to Test/Not Test

Features specified in the SRS require testing. In addition, any outstanding Software Change Requests (SCR) from previous operational testing periods require testing.

2.3 Deliverables

The following items shall be delivered by the tester upon completion of the acceptance testing for WICS.

- 1) An acceptance test procedure record.
- 2) Any incident sheets completed by the tester.

Upon completion of the test, an Acceptance Test Report complete with the acceptance test procedure record and any incident sheets shall be constructed.

2.4 Acceptance Criteria

All tests shall be performed according to criteria defined on the test procedure record without any unresolved functional exceptions. Test results shall be approved by the Change Control Board (CCB) defined in the WICS Software Configuration Management Plan, (ref. 9).

2.5 Testing Tasks

Hardware Setup

- The required hardware shall be setup and available prior to the performance of the ATP. Minimum equipment is specified as a PC-compatible with 486/33 processor, 8 mb of random access memory, 30 mb of free hard disk space, and a serial port for HCU communications.
- A handheld data computer unit cradle must be connected to the PC via a RS-232 cable.
- A handheld data computer unit (Symbol LDT 3805) for electronic field inventory data gathering must be configured and contain a fully charged battery.

Software Setup

- All required software shall be installed per appropriate installation procedures.

WICS Database

- The databases shall be loaded only with initial master data sets so that only known data is in the database.
- The database and application software shall have been previously configured for the ATP test station.
- At completion of the ATP, all files shall be emptied because the data input during this test is only test data and has no value outside the test. The master data sets shall also be emptied and the WICS loaded with verifiable data.

2.6 Environmental Needs

The equipment needed to perform acceptance testing is as follows:

- a) Configured Personal Computer (PC) workstation with attached handheld computer unit cradle.
- b) Configured Handheld Computer Unit (HCU).
- c) Attachment to the site HLAN.
- d) Established user account on the server with appropriate access rights.
- e) A Laserjet III or higher and paper for the printer.
- f) General office supplies for testing support.

2.7 Responsibilities

Organizations involved with WICS Acceptance Testing are those listed in the Software Configuration Management Plan, (ref. 9).

Table 1. Organizational Responsibilities Matrix.

DESCRIPTION	ESQ/./ QA	Design Authority	Lead Engineer
1. Acceptance Test Plan	3,4	2,3,4	1,2,3,4
2. Acceptance Test Procedure and Report		2,3,4	1,2,3,4
3. Acceptance Test Report	3,4	2,3,4	1,2,3,4

- 1 = Initiates
- 2 = Provides Input
- 3 = Reviews
- 4 = Approves

2.8 Staffing, Training and Qualifications

Testing personnel shall be from within or a contractor to Data Automation Engineering & Services (DAES), and Hazardous Materials Control (HMC). Testers shall be independent (not involved with the implementation of the sub-component being tested).

The tester shall have some familiarity with the Windows environment and a minimum one year experience with database applications. This includes the ability to successfully use windows, check boxes, menu bars, etc. However, this ATP is designed so testers shall need minimal training of the WICS application. Before testing begins, the qualifications of any participants shall be reviewed and verified by the Change Control Board (CCB).

During acceptance testing, any questions that arise regarding the use of the WICS shall be answered as needed by the development team.

2.9 Risks and Contingencies

Acceptance testing shall be performed on test data in a version and dataset separated from live production system and data.

3.0 TEST DESIGN

3.1 Approach

This acceptance test procedure and associated acceptance test procedure record was based on and is traceable to the System Requirements Specification for WICS (ref. 7). For each identifiable and traceable requirement, there are one or more test items, each identified with a Test ID number (e.g. T1.003) and test item description. For each test item, there are one or more test procedures. Each test procedure has a procedure ID and

test procedure description. Also for each test item, there are one or more test cases. For each test case, there is a test case ID and test case description. Each test case is tested, and the test result (pass or fail,) date and initials of tester is placed on the acceptance test procedure record. Any exceptions to the test case shall be documented on a *Software Change Request (SCR) form*.

All specific requirements for WICS are to be tested. Retesting of items shall only occur where necessary, or in a situation where verification of a completed SCR is needed.

This ATP is written to give the tester flexibility in selecting test data. Any data that is used to test the system shall be documented by the tester into the test log. The purpose of journalizing test data is to ensure the system is maintaining and reporting correct data. The tester is responsible for ensuring that all data meets the data requirements listed in the requirements document. The tester is also responsible for ensuring that the data is reported according to the requirements document for the *Waste Information and Control System (WICS)*. Any data inputs that create a system error shall also be documented by the tester. This shall provide information to help the developmental team track the error and perform the necessary corrections.

3.2 Pass/Fail Criteria

If a particular test case meets the functional requirement, based on criteria shown or referenced, it shall pass. If a particular test case does not meet all of the functional requirement, it shall be failed. On review, the CCB may disposition any test case.

3.2.1 Data Criteria

All criteria for data can be found in section 3.6.1 "Data" of the System Requirements Specification for WICS (ref. 7).

3.2.2 Report Format Criteria

All report format criteria can be found in section 3.1.3.3 "Generate Reports" of the System Requirements Specification for WICS (ref. 7).

4.0 TEST PROCEDURES

Test procedures are specified in the acceptance test procedure record. Pass/fail, date and tester information shall be recorded on the acceptance test procedure record to be provided to the tester. The test procedure record shall be treated as a quality record.

5.0 TEST PROBLEM REPORT

Any test failures shall be documented on an System Change Request/Problem Report as described in the WICS Software Configuration Management Plan, (ref. 9). The sheet shall be filled out in detail, with the SCR/PR number recorded under "test result" on the acceptance test procedure record. All SCRs shall be resolved via the SCR process as described in the WICS Software Configuration Management Plan, (ref. 9).

6.0 REFERENCES

1. WHC-CM-4-46, Non-Nuclear Facilities Safety Analysis Manual, February 1996.
2. WHC-CM-3-5, Document Control and Records Management Manual.
Section 12.7, Rev. 0, "Approval of Environmental, Safety, and Quality Affecting Documents",
February 1, 1994.
3. WHC-CM-3-10, Software Practices.
SP-3.3, Rev. 0, "Testing," January 31, 1993.
SP-6.1, Rev. 0, "Document Control," January 31, 1993.
SP-6.2, Rev. 0, "Software Control," January 31, 1993.
SP-6.3, Rev. 0, "Change Request and Problem Report," January 31, 1993.
Appendix J, Rev. 0, "System Test Documentation," January 31, 1993.
4. WHC-CM-4-2, Quality Assurance Manual.
QR-3.0, Rev. 5, "Design Control," September 30, 1993.
QR-19.0, Rev. 1, "Software Quality Assurance Requirements," September 30, 1993.
5. WHC-CM-6-1, Standard Engineering Practices.
EP-2.2, Rev. 7, "Engineering Document Change Control", August 5, 1994.
EP-4.1, Rev. 5, "Design Verification Requirements", May 27, 1994.
6. WHC-SD-WM-WP-269, Work Plan for Waste Information and Control System, Rev. 0, R. R. Harris,
April, 1994.
7. WHC-SD-WM-RD-049, System Requirements Specification For Waste Information and Control System,
Rev. 0, September, 1994.
8. WHC-SD-WM-SDD-065, System Design Description for Waste Information and Control System, Rev 0,
November, 1994.
9. WHC-SD-WM-CSCM-029, Waste Information and Control System Software Configuration Management
Plan, Rev. 0, June 1996.
10. ICFKH-CM-SRM 1.2D2, Manuals, Procedures, and Instructions, May 15, 1996.

APPENDIX A ACCEPTANCE TEST PROCEDURE RECORD

Waste Information and Control System (WICS) Acceptance Test Procedure & Record

Version 1
6/18/96

Approved : _____
for Use S. K. Shirley, Engineer (Owner's Representative)
 Westinghouse Hanford Company

Approved : _____
for Use W. R. Markillie, Engineer (Project Lead)
 Data Automation Engineering & Services, ICF Kaiser Hanford Company

Approved : _____
for Use S. G. Sterling, Manager
 Data Automation Engineering & Services, ICF Kaiser Hanford Company

Developed For Westinghouse Hanford Company and DOE-RL
by
ICF Kaiser Hanford Company

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.2.1

Requirement Ref : SRS 3.1.2.1

Requirement Description : The user shall be able to label, sample, and weigh Inner Container data on the HCU.

Test ID : T1.0001

Test Item Description : Data Input (Entry) Functions. Add data to the HCU.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.001	Verify that use of appropriate User ID enables authorization.			
C1.002	Select appropriate option and verify it was the option selected.			
C1.003	Verify that appropriate information can be entered for the different data prompts.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.2.2

Requirement Ref : SRS 3.1.2.2

Requirement Description : The user shall be able to label new Outer Containers, and take Inner Container inventory on the HCU.

Test ID : T1.0001

Test Item Description : Data Input (Entry) Functions. Add data to the HCU.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.001	Verify that use of appropriate User ID enables authorization.			
C1.002	Select appropriate option and verify it was the option selected.			
C1.003	Verify that appropriate information can be entered for the different data prompts.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.2.3

Requirement Ref : SRS 3.1.2.3

Requirement Description : The user shall be able to send and receive data from the HCU.

Test ID : T1.0002

Test Item Description : Transfer data from the HCU to the Workstation.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.008	Transfer data from the HCU to the Workstation.			
C1.011	On the Workstation, verify the HCU data was appropriately imported.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.2.4

Requirement Ref : SRS 3.1.2.4

Requirement Description : The HCU shall prompt the user for a Hanford ID, and ask for time/date verification.

Test ID : T1.0003

Test Item Description : HCU Logon Prompt and Date/Time Verification.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.001	Verify that use of appropriate User ID enables authorization.			
C1.002	Select appropriate option and verify it was the option selected.			
C1.003	Verify that appropriate information can be entered for the different data prompts.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.1

Requirement Ref : SRS 3.1.3.1

Requirement Description : The user shall be able to view, add, modify, or delete data from within the WICS Workstation.

Test ID : T1.0004

Test Item Description : Data View Function.

Proc ID	Test Procedure Description
PI.005	View information via appropriate folders or windows.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.210	Verify that the information can be viewed.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.1

Requirement Ref : SRS 3.1.3.1

Requirement Description : The user shall be able to view, add, modify, or delete data from within the WICS Workstation.

Test ID : T1.0005

Test Item Description : Data Input (Entry) Function. Add additional information to an existing record.

Proc ID	Test Procedure Description
PI.004	Enter new information in the WICS application.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.213	Verify appropriate information can be entered utilizing a specific drop-down list.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.1

Requirement Ref : SRS 3.1.3.1

Requirement Description : The user shall be able to view, add, modify, or delete data from within the WICS Workstation.

Test ID : T1.0006

Test Item Description : Data Edit (Update) Function. Update information to an existing record.

Proc ID	Test Procedure Description
PI.006	Select and edit information via appropriate folders or windows.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.1

Requirement Ref : SRS 3.1.3.1

Requirement Description : The user shall be able to view, add, modify, or delete data from within the WICS Workstation.

Test ID : T1.0007

Test Item Description : Data Delete (Remove) Function. Remove record from the WICS database.

Proc ID	Test Procedure Description
PI.007	Delete information via appropriate folders or windows.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.211	Verify that the information can be deleted.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.2

Requirement Ref : SRS 3.1.3.2

Requirement Description : The user shall be able to send and receive HCU data from within the WICS Workstation.

Test ID : T1.0036

Test Item Description : Transfer data from the Workstation to the HCU.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.012	On the Workstation, transfer configuration data to the HCU.			
C1.013	On the HCU, verify the Workstation data was appropriately imported.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.3

Requirement Ref : SRS 3.1.3.3

Requirement Description : The user shall be able to generate reports from within the WICS Workstation.

Test ID : T1.0008

Test Item Description : Print report to printer and screen.

Proc ID	Test Procedure Description
PI.009	Operate the application exercising appropriate reporting/printing functions.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.114	Prepare tester-chosen report and verify functions can be performed.			
C1.115	Display a report and verify a view on the screen.			
C1.116	Display a report and verify the report can print.			
C1.117	Prepare Disposal Request Report and verify functions can be performed.			
C1.118	Display report and verify a view on the screen.			
C1.119	Display report and verify the report can print.			
C1.205	Verify new HMC Letter Numbers were appropriately stamped in the Inner Container Logbook.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.4

Requirement Ref : SRS 3.1.3.4

Requirement Description : The WICS Workstation shall support control access using passwords.

Test ID : T1.0009

Test Item Description : Privilege as a Readonly user.

Proc ID	Test Procedure Description
PI.002	Launch application using access privilege.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.202	Verify that access is accomplished with appropriate access privileges.			
C1.210	Verify that the information can be viewed.			
C1.219	Verify user cannot edit, or perform other privileged operations.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.4

Requirement Ref : SRS 3.1.3.4

Requirement Description : The WICS Workstation shall support control access using passwords.

Test ID : T1.0010

Test Item Description : Privilege as a General user.

Proc ID	Test Procedure Description
PI.002	Launch application using access privilege.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.202	Verify that access is accomplished with appropriate access privileges.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.213	Verify appropriate information can be entered utilizing a specific drop-down list.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.300	Verify that windows and menus provide navigation to appropriate Folders and their associated mini-screens or drop-down lists.			
C1.302	Verify user/error mini-screens make sense.			
C1.303	Verify mouse and/or key drive the selection for windows, menus, and tool bar buttons.			
C1.304	Verify the operation of the system is interactive, providing immediate processing of actions.			
C1.305	Ensure operations are performed efficiently in the HLAN environment.			
C1.306	Verify the menu/tool bar buttons provide navigation to exit.			
C1.309	Verify that user cannot perform operations not allowed for the respective privilege.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.4

Requirement Ref : SRS 3.1.3.4

Requirement Description : The WICS Workstation shall support control access using passwords.

Test ID : T1.0011

Test Item Description : Privilege as a Limited user.

Proc ID	Test Procedure Description
PI.002	Launch application using access privilege.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.202	Verify that access is accomplished with appropriate access privileges.			
C1.211	Verify that the information can be deleted.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.213	Verify appropriate information can be entered utilizing a specific drop-down list.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.300	Verify that windows and menus provide navigation to appropriate Folders and their associated mini-screens or drop-down lists.			
C1.302	Verify user/error mini-screens make sense.			
C1.303	Verify mouse and/or key drive the selection for windows, menus, and tool bar buttons.			
C1.304	Verify the operation of the system is interactive, providing immediate processing of actions.			
C1.305	Ensure operations are performed efficiently in the HLAN environment.			
C1.306	Verify the menu/tool bar buttons provide navigation to exit.			
C1.309	Verify that user cannot perform operations not allowed for the respective privilege.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.4

Requirement Ref : SRS 3.1.3.4

Requirement Description : The WICS Workstation shall support control access using passwords.

Test ID : T1.0012

Test Item Description : Privilege as a SysAdmin user.

Proc ID	Test Procedure Description
PI.002	Launch application using access privilege.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.202	Verify that access is accomplished with appropriate access privileges.			
C1.211	Verify that the information can be deleted.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.213	Verify appropriate information can be entered utilizing a specific drop-down list.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.300	Verify that windows and menus provide navigation to appropriate Folders and their associated mini-screens or drop-down lists.			
C1.302	Verify user/error mini-screens make sense.			
C1.303	Verify mouse and/or key drive the selection for windows, menus, and tool bar buttons.			
C1.304	Verify the operation of the system is interactive, providing immediate processing of actions.			
C1.305	Ensure operations are performed efficiently in the HLAN environment.			
C1.306	Verify the menu/tool bar buttons provide navigation to exit.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.1.3.5

Requirement Ref : SRS 3.1.3.5

Requirement Description : The WICS Workstation shall support archiving of data.

Test ID : T1.0013

Test Item Description : WICS application as a whole (supports data archiving).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.206	Verify there is an archiving feature present.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.1

Requirement Ref : SRS 3.2.1

Requirement Description : The WICS application shall have vertical-style menus and user-friendly features integrated throughout.

Test ID : T1.0014

Test Item Description : WICS application as a whole (supports user-friendly interface).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.300	Verify that windows and menus provide navigation to appropriate Folders and their associated mini-screens or drop-down lists.			
C1.302	Verify user/error mini-screens make sense.			
C1.303	Verify mouse and/or key drive the selection for windows, menus, and tool bar buttons.			
C1.306	Verify the menu/tool bar buttons provide navigation to exit.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.2.1

Requirement Ref : SRS 3.2.2.1

Requirement Description : The WICS application shall be accessible via the HLAN. Installation of the system shall setup and be compatible with the user's computer environment.

Test ID : T1.0015

Test Item Description : WICS application as a whole (supports HLAN environment).

Proc ID	Test Procedure Description
PI.001	Operate system in the HLAN environment.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.005	Verify with the beta testers that the application can be installed and is compatible and operable using minimum hardware requirements.			
C1.006	Verify the application can install and is compatible with the user's computer environment.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.2.2

Requirement Ref : SRS 3.2.2.2

Requirement Description : The WICS application shall operate on the minimum hardware requirements of a
IBM PC 486/33, 8MB main processor memory and 30 meg free hard disk space.

Test ID : T1.0016

Test Item Description : WICS application as a whole (supports Minimum Hardware Requirements).

Proc ID	Test Procedure Description
PI.010	Use a minimum system as specified in the requirements.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.005	Verify with the beta testers that the application can be installed and is compatible and operable using minimum hardware requirements.			
C1.006	Verify the application can install and is compatible with the user's computer environment.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.2.3

Requirement Ref : SRS 3.2.2.3

Requirement Description : The HCU shall be the Symbol LDT 3805 Extended Temperature Range Unit.

Test ID : T1.0017

Test Item Description : HCU Hardware specification (supports Symbol Technology).

Proc ID	Test Procedure Description
PI.008	Manually review and inspect the appropriate hardware.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.307	Verify the HCU is a Symbol LDT 3805 Extended Temperature Range Unit.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.3

Requirement Ref : SRS 3.2.3

Requirement Description : The WICS application shall utilize software to accomplish the functions.

Test ID : T1.0018

Test Item Description : Utilization of software.

Proc ID	Test Procedure Description
PI.008	Manually review and inspect the appropriate hardware.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.004	Verify with the developer that test item meets requirements.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.4

Requirement Ref : SRS 3.2.4

Requirement Description : The Communication interface between the WICS Workstation and HCU shall be a HCU cradle connected to the PC using a RS-232 interface. This shall support communications between the HCU and PC.

Test ID : T1.0019

Test Item Description : Communication interface (supports cradle and RS-232 cable).

Proc ID	Test Procedure Description
PI.008	Manually review and inspect the appropriate hardware.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.004	Verify with the developer that test item meets requirements.			
C1.308	Verify the communication interface between the Workstation and HCU includes a cradle and RS-232 cable.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.2.5

Requirement Ref : SRS 3.2.5

Requirement Description : The barcode symbology used on labels for WICS shall be code 3 of 9.

Test ID : T1.0020

Test Item Description : Barcode symbology on labels (supports 3 of 9).

Proc ID	Test Procedure Description
PI.011	Manually review and inspect the appropriate documentation.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.004	Verify with the developer that test item meets requirements.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.3

Requirement Ref : SRS 3.3

Requirement Description : The WICS application shall meet reponse times of < 2 secs for input/edits, < 30
secs for data queries, < 1 min/page for reporting, and < 1 min for startup.

Test ID : T1.0021

Test Item Description : WICS application as a whole (supports Adequate Response Times).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.007	Ensure test cases are performed and accepted.			
C1.304	Verify the operation of the system is interactive, providing immediate processing of actions.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.4.1

Requirement Ref : SRS 3.4.1

Requirement Description : The WICS application shall have the appropriate documentation that meets quality affecting software requirements.

Test ID : T1.0022

Test Item Description : WICS application as a whole (supports Standards Compliance).

Proc ID	Test Procedure Description
PI.011	Manually review and inspect the appropriate documentation.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.007	Ensure test cases are performed and accepted.			
C1.010	Manually verify system Quality Assurance documentation are written and approved (Refer to references in the Acceptance Test Plan).			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.6.2

Requirement Ref : SRS 3.6.2

Requirement Description : The WICS application shall support a multiple user environment.

Test ID : T1.0023

Test Item Description : WICS application as a whole (supports Multiple Users).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.009	Ensure the system enables operation of multiple users (via multiple computers) and that they can be logged on concurrently (i.e., General User and System Admin User).			
C1.120	Verify that similar and dissimilar operations may be performed by multiple users concurrently.			
C1.121	Verify that multiple users cannot edit the same record concurrently.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : R3.6.6

Requirement Ref : SRS 3.6.6

Requirement Description : The WICS application shall be reliable during normal operation interaction. Failure to restart or to recover data during a system failure is not critical.

Test ID : T1.0024

Test Item Description : WICS application as a whole (supports Reliability/Recovery of system).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.0001	Verify the user can launch the application, log on with appropriate privileges, and ensure the application is operable.			
C1.006	Verify the application can install and is compatible with the user's computer environment.			
C1.304	Verify the operation of the system is interactive, providing immediate processing of actions.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR001

Requirement Ref : SCR WICS-001

Requirement Description : The Inner Container Logbook screen shall contain the following individual fields:
Container Type, Volume, and units.

Test ID : T1.0025

Test Item Description : Inner Container Logbook (supports Type, Volume, and Unit fields).

Proc ID	Test Procedure Description
PI.005	View information via appropriate folders or windows.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.210	Verify that the information can be viewed.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.213	Verify appropriate information can be entered utilizing a specific drop-down list.			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR002

Requirement Ref : SCR WICS-002

Requirement Description : The Inner Container Logbook screen shall not contain any inadvertant messages.

Test ID : T1.0026

Test Item Description : Inadvertant messaging.

Proc ID	Test Procedure Description
PI.005	View information via appropriate folders or windows.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.300	Verify that windows and menus provide navigation to appropriate Folders and their associated mini-screens or drop-down lists.			
C1.302	Verify user/error mini-screens make sense.			
C1.303	Verify mouse and/or key drive the selection for windows, menus, and tool bar buttons.			
C1.304	Verify the operation of the system is interactive, providing immediate processing of actions.			
C1.306	Verify the menu/tool bar buttons provide navigation to exit.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR003

Requirement Ref : SCR WICS-003

Requirement Description : Printing of the Inner Container Logbook shall allow record selection by Location Code.

Test ID : T1.0027

Test Item Description : Record selection for reporting (supports selection by location).

Proc ID	Test Procedure Description
PI.009	Operate the application exercising appropriate reporting/printing functions.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.114	Prepare tester-chosen report and verify functions can be performed.			
C1.115	Display a report and verify a view on the screen.			
C1.116	Display a report and verify the report can print.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR004

Requirement Ref : SCR WICS-004

Requirement Description : The Sample Number field shall be alphanumeric with a maximum of fifteen characters, automatically converted to uppercase.

Test ID : T1.0028

Test Item Description : Sample Number field size.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.210	Verify that the information can be viewed.			
C1.211	Verify that the information can be deleted.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR005

Requirement Ref : SCR WICS-005

Requirement Description : The Inner Container Logbook report shall be correctly formatted and all data shall be clearly visible.

Test ID : T1.0029

Test Item Description : WICS application as a whole (supports correct report formatting).

Proc ID	Test Procedure Description
PI.009	Operate the application exercising appropriate reporting/printing functions.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.114	Prepare tester-chosen report and verify functions can be performed.			
C1.115	Display a report and verify a view on the screen.			
C1.116	Display a report and verify the report can print.			
C1.218	Verify data appearing on report is readable and proportionally spaced.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR006

Requirement Ref : SCR WICS-006

Requirement Description : The Outer Container Logbook report shall be correctly formatted and all data shall be clearly visible.

Test ID : T1.0029

Test Item Description : WICS application as a whole (supports correct report formatting).

Proc ID	Test Procedure Description
PI.009	Operate the application exercising appropriate reporting/printing functions.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.114	Prepare tester-chosen report and verify functions can be performed.			
C1.115	Display a report and verify a view on the screen.			
C1.116	Display a report and verify the report can print.			
C1.218	Verify data appearing on report is readable and proportionally spaced.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR007

Requirement Ref : SCR WICS-007

Requirement Description : The Disposal Request report shall be correctly formatted and all data shall be clearly visible.

Test ID : T1.0029

Test Item Description : WICS application as a whole (supports correct report formatting).

Proc ID	Test Procedure Description
PI.009	Operate the application exercising appropriate reporting/printing functions.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.114	Prepare tester-chosen report and verify functions can be performed.			
C1.115	Display a report and verify a view on the screen.			
C1.116	Display a report and verify the report can print.			
C1.218	Verify data appearing on report is readable and proportionally spaced.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR008

Requirement Ref : SCR WICS-008

Requirement Description : Printing of the Outer Container Logbook shall allow record selection by Location Code.

Test ID : T1.0027

Test Item Description : Record selection for reporting (supports selection by location).

Proc ID	Test Procedure Description
PI.009	Operate the application exercising appropriate reporting/printing functions.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.114	Prepare tester-chosen report and verify functions can be performed.			
C1.115	Display a report and verify a view on the screen.			
C1.116	Display a report and verify the report can print.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR009

Requirement Ref : SCR WICS-009

Requirement Description : The Outer Container Packing Checklist shall contain a "Packing Date" field. The "Gross Weight" field shall specify a unit.

Test ID : T1.0030

Test Item Description : Outer Container Checklist (supports Packing Date, and Gross Weight fields).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.210	Verify that the information can be viewed.			
C1.211	Verify that the information can be deleted.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR010

Requirement Ref : SCR WICS-010

Requirement Description : The various Outer Container Checklists shall be able to be deleted, assuming the user has appropriate privileges.

Test ID : T1.0007

Test Item Description : Data Delete (Remove) Function. Remove record from the WICS database.

Proc ID	Test Procedure Description
PI.007	Delete information via appropriate folders or windows.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.211	Verify that the information can be deleted.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR011

Requirement Ref : SCR WICS-011

Requirement Description : The Outer Container Logbook shall contain a copy function.

Test ID : T1.0031

Test Item Description : The Outer Container Copy Function.

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.207	Verify the current record can be copied using the copy button.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR014a

Requirement Ref : SCR WICS-014

Requirement Description : The Inner Container Logbook screen shall contain an "Accumulation Date" field.

Test ID : T1.0032

Test Item Description : Inner Container Logbook (supports Accumulation Date field).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.210	Verify that the information can be viewed.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR014b

Requirement Ref : SCR WICS-014

Requirement Description : The Master Data - Location screen shall contain an "Accumulation Date Required" field.

Test ID : T1.0033

Test Item Description : Master Data - Location (supports Accumulation Date field).

Proc ID	Test Procedure Description
PI.003	Operate the application exercising appropriate functions and features.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.210	Verify that the information can be viewed.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR014c

Requirement Ref : SCR WICS-014

Requirement Description : The Inner Container Logbook screen shall require an entry in the "Accumulation Date" field, if a new location requires one.

Test ID : T1.0034

Test Item Description : Inner Container Logbook Required Field (supports Accumulation Date field requirements).

Proc ID	Test Procedure Description
PI.004	Enter new information in the WICS application.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.002	Select appropriate option and verify it was the option selected.			
C1.210	Verify that the information can be viewed.			
C1.212	Verify appropriate information can be entered in a specific Folder or Form (either by inserting or adding a new record).			
C1.214	Verify appropriate information can be edited in a specific Folder or Form.			
C1.215	Verify that the information can be posted.			
C1.216	Verify that previously posted information can be accessed and displayed.			
C1.217	Verify that previously posted information can be edited.			

**Waste Information and Control System
(WICS)
Acceptance Test Procedure & Record**

Requirement ID : RSCR015

Requirement Ref : SCR WICS-015

Requirement Description : The numeric keypad shall function appropriately during user logon.

Test ID : T1.0035

Test Item Description : WICS Workstation Logon (supports Numeric Keypad).

Proc ID	Test Procedure Description
PI.002	Launch application using access privilege.
PI.013	For each test case, perform test, record test results (Pass/Fail), date tested, and initials of testers. Enter comments in the Comment Logsheet.

Test Case ID	Test Case Description	Test Result	Date	Tester
C1.201	Verify the user may opt to use the numeric keypad to enter an appropriate password during logon.			
C1.202	Verify that access is accomplished with appropriate access privileges.			

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