

Customer FAT Report

Phase context: Project results (no active phase)

FACTORY ACCEPTANCE TEST

DEMO - Pump skid acceptance

Acceptance overview, open actions and a compact test register for customer review.

Document No.

DEMO-FAT-001

Revision DEMO A

Scope: Shared project results. Control and revision history follow the contents page.

Draft review — acceptance is blocked

Recorded blocking conditions remain. This document supports review and follow-up before final acceptance.

Project / Customer	DEMO-001 / Example project - synthetic data
Document / document revision	DEMO-FAT-001 / DEMO A
Original phase activation	Not recorded
Revision activation / closure	Not recorded / Not recorded
Reopen reason	No reopen reason recorded
Plant / System	Example pump skid / Demo control panel
FAT Type / Location	Sample factory acceptance test / Demo workshop - no real site
Date / Prepared by	2026-10-19 / Demo author (synthetic)

1. Table of Contents

Use this index to find a section. Links jump to the relevant report section in the online preview. Page references point to the printed pages, including continuation pages.

Section	Description	Page
1	Table of Contents	2
2	Phase document control and revision history	3
3	Report Overview	4
4	Package Progress	6
5	Open Actions and Exceptions	7
6	Test Register	8
7	Package Test Procedures	9
8	Reference Documents	10
9	Attendance and Signatures	11
10	Additional Notes and Remarks	12

SAMPLE FAT REPORT

SYNTHETIC DEMO DATA - NOT AN ACCEPTANCE RECORD

2. Phase document control and revision history

This mandatory continuation of the cover identifies the selected phase context and distinguishes its report revision from the document revision. It retains the complete recorded phase report revision history through the captured revision, including activation, closure and reopening details, regardless of optional audit settings.

Report scope: Shared project results. **Phase context:** Project results (no active phase). Shared project results do not include independent phase decisions unless a phase report scope is selected.

Phase report revision	Not recorded
Document revision	DEMO A
Original phase activation	Not recorded
Revision activation	Not recorded
Revision closure	Not recorded
Snapshot captured	Not recorded
Reopen reason	No reopen reason recorded

Complete phase report revision history

Project results (no active phase). No phase report revision history applies.

Phase lifecycle history through capture

No additional phase lifecycle events were recorded in this snapshot.

3. Report Overview

Read this section first. It identifies the report scope, explains the shared test outcomes and highlights acceptance blockers. A recorded outcome or an executed test does not automatically mean that the project is accepted.

Draft review — acceptance is blocked
1 blocking conditions require review under the existing project acceptance rules. See open actions and independent phase decisions.

Included tests

8

8 applicable · 0 N/A

Executed

75%

6/8 applicable tests

Passed

50%

4/8 applicable tests

Open actions / exceptions

3

Includes actions on Passed tests

Shared results: Passed 4 · Failed 1 · Punch 1 · Blocked 1 · N/A 0 · Not Started 1.

Scope: Shared project results. Included: 2 packages and 8 tests. Excluded by report settings: 0 packages and 0 tests. Empty packages: 0.

Summary counts cover all included tests. Acceptance blocker checks cover the complete project, including excluded items. The test register includes unexecuted and blocked tests.

Document control

Document	Revision	Date	Prepared By	Checked By	Approved By
DEMO-FAT-001	DEMO A	2026-10-19	Demo author (synthetic)	—	—

How to read readiness

Critical, Safety Related or Cybersecurity Critical tests marked Failed or Blocked prevent final readiness. Open actions with blocking severity or missing required closure information also prevent readiness. Independent phase rejections remain visible even when the shared result is Passed.

3. Report Overview (continued)

Executed = Passed + Failed + Punch. Passed percentage = $\text{Passed} \div \text{applicable tests}$. Applicable tests exclude N/A. Blocked and Not Started tests are not executed. Item numbers locate tests within the project; a UID is a permanent record identifier used to trace decisions and changes. Criticality is a testing priority; it does not constitute a SIL calculation or cybersecurity compliance certification.

4. Package Progress

Each row summarizes one included test package. Passed tests met their acceptance criteria; Failed tests need correction; Punch tests have follow-up issues; Blocked tests await a prerequisite; N/A tests are excluded from the applicable total; Not Started tests remain unexecuted.

Package	Total	Passed	Failed	Punch	Blocked	N/A	Not Started
1.1. Pump permissives and interlocks	4	2	1	0	1	0	0
2.1. Indications and alarm display	4	2	0	1	0	0	1

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5. Open Actions and Exceptions

This register combines open punch actions and Failed, Blocked or Punch tests once per test item. It includes actions on Passed tests. Owners should complete the correction, retain closure evidence and arrange any required retest. Closing an action and passing a test are separate decisions.

Item / result / priority	Action and closure criteria	Owner, due date and follow-up
1.1.3 · ES-101 Pump permissives and interlocks Failed · Critical · Acceptance blocker	Review the demo interlock mapping, correct it and repeat the test. Closure: Repeat the demo test and record the corrected result. Comment: Demo result: run command remained active in the simulation.	Demo integrator · 2026-10-23 State: Open · Severity: High · Retest: Yes
1.1.4 · FS-101 Pump permissives and interlocks Blocked · Standard	Provide the simulated flow input and complete the test. Closure: Repeat the demo test and record the corrected result. Comment: Demo prerequisite not ready: simulated flow input unavailable.	Demo integrator · 2026-10-23 State: Open · Severity: Medium · Retest: Yes
2.1.3 · HMI-103 Indications and alarm display Punch · Standard	Align the demo alarm text with the example tag list. Closure: Repeat the demo test and record the corrected result. Comment: Demo observation: the alarm text uses an inconsistent tag label.	Demo HMI author · 2026-10-26 State: Open · Severity: Low · Retest: Yes

SAMPLE FAT REPORT

SYNTHETIC DEMO DATA - NOT AN ACCEPTANCE RECORD

6. Test Register

This register lists the included test items and their shared results. Item numbers match the project numbering. Optional comments and execution fields provide context; they do not replace the acceptance criteria. A completed-only filter affects this register, while summary counts and open actions retain the full report scope.

Item number / tag	Result / criticality	Test description and selected execution fields
1.1. Pump permissives and interlocks		
1.1.1 P-101	Passed Standard	Start command is accepted when the demo permissives are healthy. Comment: Demo result: start command accepted; indication changed to Running.
1.1.2 LSL-101	Passed Standard	Low-level input removes the pump start permissive. Comment: Demo result: the low-level input prevented a new start command.
1.1.3 ES-101	Failed Critical	Emergency-stop input removes the simulated run command. Comment: Demo result: run command remained active in the simulation.
1.1.4 FS-101	Blocked Standard	Loss-of-flow input raises the expected demo alarm. Comment: Demo prerequisite not ready: simulated flow input unavailable.
2.1. Indications and alarm display		
2.1.1 HMI-101	Passed Standard	Pump status indication follows the simulated run state. Comment: Demo result: Running and Stopped indications followed the simulation.
2.1.2 HMI-102	Passed Standard	Alarm acknowledgement changes the visible alarm state. Comment: Demo result: acknowledgement state was shown as expected.
2.1.3 HMI-103	Punch Standard	Alarm text identifies the example pump tag. Comment: Demo observation: the alarm text uses an inconsistent tag label.
2.1.4 HMI-104	Not tested Standard	Reset restores the expected normal display after correction. Comment: Synthetic example: test has not yet been executed.

7. Package Test Procedures

These are the common instructions for each test package, shown once per package. They explain the stimulus, expected checks and restoration steps that apply to its test items. Use the test register for individual results and the referenced specifications for approved acceptance criteria.

1.1. Pump permissives and interlocks

Synthetic example only: establish the initial state, apply the listed input, compare the response with the demo criteria and restore the initial state.

Reference: DEMO-SPEC-001 - example functional description

2.1. Indications and alarm display

Synthetic example only: operate the demo controls, compare tag labels and indications with the example specification, and record any difference.

Reference: DEMO-SPEC-001 - example functional description

8. Reference Documents

These documents provide the specifications, drawings or approved criteria used during testing. Check the document number, revision and availability before relying on a result. A listed document does not by itself confirm that its current revision was reviewed.

Document No	Document Title	Revision	Status	Available	Date	Comment
DEMO-SPEC-001	Example functional description - synthetic	DEMO A		Yes	2026-10-19	Fictional reference identifier for this sample; no external document is implied.

9. Attendance and Signatures

This record identifies attendees and the people who prepared, reviewed or approved the report. Complete the relevant signatures under the project's approval process. A name or an empty signature field does not indicate approval.

Name	Company	Position	Date	Signature
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Prepared by: Demo author (synthetic) · Checked by: _____ · Approved by: _____

10. Additional Notes and Remarks

These are additional recorded clarifications, agreed remarks and follow-up context. Read them together with the test register and open actions; a note does not change a test result or close an action.

Note	Added By	Date
SAMPLE / DEMO ONLY. All project details and results are synthetic. This is not evidence of a real inspection, equipment acceptance or approval.	Demo author (synthetic)	2026-10-19