

Examination Procedure	Beteckning / Document KBE EP-194
	Utgåva / Issue 1 (E)
	Datum / Date 2009-10-07
	Ersätter / Supersedes -
Rubrik / Title OAT, Operating Acceptance Test	

1 Scope

This Examination procedure is applicable for performance of OAT after approved commission of electrical equipment.

2 Objective

The examination procedure shall verify that the commissioned component or equipment fulfils specified requirement for its intended use.

3 Method

3.1 Prerequisites

Following shall be fulfilled:

- SAT shall be performed and approved
- Open items from SAT shall have been taken care of
- The *Manufacturer* is responsible for creating test procedures which shall be approved by the *Purchaser*.
- All used test instruments and tools shall be calibrated

3.2 Performance

The verification shall be performed according to the approved OAT procedures.

The verification shall demonstrate and assure correct functionality according to the technical specification.

All information related to OAT as controlling documentation, responsible persons, used test equipment etc. shall be specified in the test procedures.

Verification of the performance shall be performed at normal operation as well as at high load of the equipment. The different test loads shall be specified in the test procedures before the OAT starts.

Non-conformities with respect to the current requirements meant for OAT shall be documented in a non-conformity report and presented to the *Purchaser*. The *Purchaser* shall perform a judgment for every non-conformity and come to a decision if the test has to abort or continue.

When a non-conformity and the related actions is implemented the OAT shall be restarted. If applicable the *Purchaser* may decide that only specific parts of the OAT need to be performed.

All decisions shall be documented and added to the non conformity report.

4 Acceptance Criteria

Check that:

- OAT for the equipment was carried out successfully according to the approved test procedures
- Non-conformities has been documented and taken care of by the *Supplier* or has been accepted by the *Purchaser*
- The result from performed OAT has been documented

5 Documentation

The Supplier shall create a report of performed OAT. The report shall as a minimum include the following:

- Order number
(reference to the purchaser's order number)
- Inspected item
(product, designation etc.)
- Prerequisites
(Reference to test procedures, acceptance criteria, measuring equipment, instrument and tools)
- The Supplier and the Purchaser Representatives
(Date and signature for performed FAT)
- Result
(It shall be evident that the object has met current requirements and acceptance criteria for the intended use)
- Open items and non-conformities
(Open items shall be identified and listed. It shall be described, how and when the open items shall be closed in a non-conformity report)
- Approval

(The document shall have been examined and approved according to the Manufacture internal QA/QC – instructions. The report shall be signed by the Manufacture and by the Purchaser if OAT carried out successfully).