

<b>Examination Procedure</b>  Rubrik / Title <b>SAT, Site Acceptance Test</b>	Beteckning / Document <b>KBE EP-193</b>
	Utgåva / Issue <b>1 (E)</b>
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	Ersätter / Supersedes <b>-</b>

## 1 Scope

This Examination procedure is applicable for performance of SAT after delivery and installation of electrical equipment.

## 2 Objective

The examination procedure shall verify that the delivered component or equipment fulfils specified requirement for it's intended use.

## 3 Method

### 3.1 Prerequisites

Following shall be fulfilled:

- FAT shall be performed and approved
- Open items from FAT shall have been taken care of
- The *Manufacturer* is responsible for creating test procedures and communicate them. The *Purchaser* is responsible for the of the test procedures approval at least 2 weeks before SAT.
- All used test instruments and toolsshall be calibrated
- Verifying that the component or equipment not have been affected by transport, storage or installation

### 3.2 Performance

The verification shall be perfomed according to the approved SAT procedure.

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

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

Non-conformities with respect to the current requirements meant for SAT 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 SAT shall be restarted. If applicable the Purchaser may decide that only specific parts of the SAT need to be repeated.

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

## 4 Acceptance Criteria

### Check that:

- SAT 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 SAT has been documented

## 5 Documentation

The Supplier shall create a report of performed SAT. 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, instruments and tools etc.)
- 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 including 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 SAT carried out successfully).