Examination Procedure	Beteckning / Document KBE EP-180
	Utgåva / Issue 3
Rubrik / Title Quality and Identity Certificate, Inspection Documentation	Datum / Date 2020-04-20
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1 Scope

This Examination Procedure is applicable to every tender and delivery for which Inspection Plan is issued or requirement on identity certificate is stated in the inquiry or purchase documents.

2 Objective

To confirm and document that the supplied product/equipment meets specified requirements as follows:

- product performance is verified by type inspection/testing (design verification)
- testing, inspection and quality assurance of the delivery are carried out correctly
- supplied products/equipment are identical to the corresponding type tested/qualified equipment
- inspection activities are documented and reported in accordance with the requirements in the Inspection Plan.

3 Method

The Manufacturer must continuously evaluate changes of product design, manufacturing procedures, materials, sub-suppliers, software, etc, and by means of engineering analysis or repeated type inspection/test assure that the performance requirements according to the Manufacturers specification/datasheet are met.

The Manufacturer must in conjunction with Tender and Delivery verify the product versus the Purchasers TS and, by comparing drawings etc, assure that identity exists between typetested/qualified product and supplied product.

Any changes performed after completion of the type tests must be stated and verified in the Tender according to requirements given in TBE 100, and be confirmed at the time of delivery by the inspection documentation according to this Examination Procedure.

Special attention must be paid to changes of products previously delivered to the nuclear industry with approved type inspection/qualification. For example products subjected to nuclear specific environmental conditions such as Severity B and C according to TBE 101 and TBE 102. In these cases the Manufacturer should describe the changes for assessment by the Purchaser even if the Manufacturer does not believe that specified performance is affected.

4 Acceptance Criteria

Certificates

The Manufacturer must certify that the product meets stated requirements, that the results from type testing in all cases are fully valid for the equipment supplied and that identity exists between supplied equipment and type tested equipment.

Inspection documentation

The inspection documentation (quality verification documents) must verify that necessary inspection activities for the Delivery are carried out correctly. The final inspection documentation is a part of the Delivery and must, any deviations and reservations included, be approved by the Purchaser.

5 Documentation

5.1 Quality and Identity Certificate

The Manufacturer must in the final routine inspection documentation include a QUALITY AND IDENTITY CERTIFICATE according to the attached form or other equivalent document. Alternatively, ISO/IEC 17050-1 “Supplier’s declaration of conformity” or 3.1 document according to EN 10204 “Metallic products – Types of inspection documents” can be used.

The certificate must as a minimum include the following:

- Manufacturer
- Supplied product/equipment

Product, designation, version, quantity, serial numbers and reference to the purchase order and specification.

- Type inspection

Reference to performed type inspection (test program, test report, verification document).

- Routine inspection

Scope of inspection and procedures are to be described, normally as a reference to the Inspection Plan and/or the Manufacturers procedures. It must be stated that the delivery has met specified requirements.

- Identity / Traceability

Description of the identity between supplied and typetested equipment.

- The Manufacturers statement

Certification from the Manufacturer that the Delivery is produced according to specified requirements and that identity exists between delivered and typetested equipment.

- Deviations and reservations
- Approval

The certificate is to be reviewed and approved by responsible technical and/or quality management of the Manufacturer and otherwise in accordance with the Manufacturers internal QA/QC routines.

Quality and identity certificate should be accounted to the Purchaser as original document.

The inspection program and reports forming the basis to this certificate must be available for the Purchasers examination.

5.2 Inspection Documentation (Quality Verification Documents)

The Manufacturer must before the time of delivery put together a type inspection documentation and a routine inspection documentation valid for the products/equipment to be supplied.

The type inspection documentation and the routine inspection documentation should be separated.

Inspection documentation should embrace certificates (I), records (P) and technical reports (R) in accordance with the Inspection Plan. The documents, and Deviation Reports approved by the Purchaser, should be filed in the same sequence as they are required in the Final Inspection Plan. The Final Inspection Plan shall be used for the purpose of indexing the documentation. The inspection documentation must be reviewed and approved for accuracy by responsible management of the Manufacturer.

5.2.1 Type inspection documentation

Type inspection documentation verifying the Manufacturers product specification/data sheet (design verification) and the Purchasers specification (TS) has normally to be included in the Tender.

Requirements which not are considered as verified (for instance nuclear specific requirements such as radiation and accident conditions resistance) are to be identified as a basis for additional type inspection according to agreement in the purchase order. Such additional type inspection performed by the Manufacturer must normally be reported by means of a renewed type inspection documentation before the time of the delivery.

The type inspection documentation may in some cases be separately delivered after agreement (for instance in conjunction with complementary type testing/inspection).

In the event of repeated procurements of the same products the Manufacturer may make reference to previous type inspection documentation supplied to and approved by the Purchaser.

5.2.2 Routine (100%) inspection documentation

The Manufacturer has before the time of delivery to put together a routine inspection documentation (incl. a Quality and Identity Certificate in accordance with section 5.1 of this Examination Procedure) for the products/equipment to be supplied.

The original routine inspection documentation should be collected at the time when the equipment is ready for delivery. However it is not necessary for Purchaser witnessed inspection documentation to be finished at that time. On request from the Purchaser a copy of the documentation should be delivered for review prior to Delivery (Shipping) Release.