

1 APPLICABLE DOCUMENTS

-	DOCGEN 4DA 01 003	Rev.01	General Conditions.
-	DOCGEN 4DG 107 201	Rev.01	General Quality Assurance Requirements
-	10010231595/000/MBH.702	Rev 00	QA requirements for acquisition of spare parts with specific QA requirements
-	DOCGEN 4D 112 003	Rev.02	Circulation and handling procedure of Technical Documents issued by the Contractors.
-	DOCGEN 4DG 106 201	Rev.01	Instructions for the Contractor concerning the compilation of End of Manufacturing Data Packages for Nuclear Facilities.
-	DOCGEN 4D 111 002	Rev.00	Transposition to Belgium of the Regulatory Aspects of Section III - Division 1 of the ASME-code.
-	DOCGEN 4DG 117 003	Rev.00	Transposition to Belgium of the Regulatory Aspects of Section XI - Division 1 of the ASME-code.

REFERENCES

- 10 CFR 50 Appendix B, "Quality Assurance criteria for nuclear power plants and fuel reprocessing plants";
- ANSI/ASME - NQA -1, "Quality Assurance program requirements for nuclear facilities".

2 CORRESPONDENCE

All correspondence concerning this requisition and/or order has to be forwarded to the Electrabel KCD Purchasing Agent as referenced on the Purchase Order (sender) including reference of this requisition and /or order.

NOTE:

Exception is granted for submittal of manufacturing documents and notifications for intervention points, wherefore the Manufacturer is entitled to send the documents and notifications to all concerned parties. The TEE-agent and the Authorized Inspector direct their comments to the Manufacturer provided the Electrabel-KCD Purchasing Agent is informed by copy.

In case the order is processed by TEE on behalf of Electrabel-KCD, it will be indicated on the purchase order.

3 QA-PROGRAM

The items have to be produced by applying a nuclear QA-program in accordance with 10 CFR 50 App.B, approved as per "Certificate of Authorization" (C.A.) or "Interim Letter" (I.L.) by TEE. If the ASME III-code is applicable then the QA-program shall also meet the ASME NQA-1 requirements. In case a valid "C.A." or "I.L." does not exist, a specific QA-program has to be established and submitted to Electrabel-KCD and TEE-DQ, for evaluation and approval, prior to start of manufacturing. If the ASME III-code is applicable, then the approval of the specific QA-program by the Authorized Inspection Agency (A.I.A.) is mandatory. QA-programs which meet BS5882 requirements, are accepted.

4 CONSTRUCTION CODE

The construction code as mentioned in the order is applicable. An alternative code may be used provided the authorization by Electrabel-KCD and, if applicable the Authorized Inspection Agency, is granted prior to utilization.

In case the proposed alternative for the ASME III-code is other than RCCM or KTA, then the authorization by the Class 1-Approved Organization (CL.1 A.O.) is also mandatory.

5 SPECIFICATIONS AND PROCEDURES FOR MANUFACTURING

The Manufacturing Quality Plan (including those from lower-tier suppliers) as well as the applicable document list (ADL) have to be submitted to Electrabel-KCD for review and approval prior to start of manufacturing (for each order). Documents already approved previously do not need resubmittal as far as they are not modified and remain approved. New or altered documents (administrative corrections excluded) need submittal and approval prior to application.

6 MANUFACTURING FOLLOW-UP

The notifications as per the approved Manufacturing Quality Plan (including those of lower-tier suppliers) shall be addressed directly by the manufacturing plant to the Electrabel-KCD Purchasing Agent and other concerned parties by facsimile.

Delay: - Belgium: 5 working days for shop activities
1 workday for on-site activities
- Foreign Countries: 7 working days

7 CERTIFICATES - LIFETIME RECORDS DATA PACKAGE - DATA BOOKS

The End of Manufacturing Data Package, in 2 copies, shall contain a Certificate of Compliance to the Purchase Order and, when applicable, a Certificate of Interchangeability with the already installed equipment. Compilation of the Data Package shall be as per DOCGEN 4DG 106.

8 PACKAGING - STORAGE - IDENTIFICATION

Packaging shall be in accordance with USNRC Regulatory Guide 1.38 for nuclear applications. Conditions for storage shall be determined by the Manufacturer. For this purpose doc. TEE AN-26-1/2 - EFN-OO, as per attachment 2, shall be completed by the Manufacturer for the items concerned.

The packaging of each item shall be labeled with the following information:

- 1- Name of Manufacturer
- 2- Electrabel-KCD Purchase Order (PO or POCN) and order item ref.
- 3- Short Description
- 4- PKD Inventory ref.
- 5- Drawing or Diagram and related item number
- 6- VTSS, XTSS or Technical File (TEE)
- 7- QA-label (clearly indicating that the item is a nuclear QA-item)
- 8- Serial- or Lotnumber. shipment

9 SHIPPING

A Shipment Release, issued by the Electrabel-KCD Purchasing Agent, is mandatory prior to forwarding the items to the shipment address. This is a fixed hold-point on the Manufacturing Quality Plan. Shipment address as per the PO or POCN shall be respected unless otherwise formally instructed by the Electrabel KCD-Purchasing Agent on the Shipment Release.

10 DEVIATIONS - NON CONFORMITIES

All deviations from the contractual documents shall be notified by the Manufacturer to the Electrabel-KCD Purchasing Agent.

11 DEFECT REPORTING

The QA-items, as referenced in this purchase order, are for nuclear applications and hence the Manufacturer has the obligation to report all defects concerning these items which could impact the safe operation of the nuclear facility.

(Conditions as per USNRC 10 CFR 21 apply for US-manufacturers)

12 NUCLEAR QUALIFICATION (1E) - SAFETY ANALYSIS

The QA-items concerning the order shall comply with the requirements of the equipment qualification report. The Manufacturer shall certify the conformity of the items with the equipment qualification report (RSQ). Any modification of a part, material, manufacturing process, etc... to the qualified part has to be reported to Electrabel - KCD, prior to start of manufacturing. The Manufacturer has to confirm if a modification has an impact or not on the existing qualification of the equipment.

IMPORTANT NOTICE !

These requirements have to be transmitted to the Manufacturer(s) and/or Supplier(s) performing any certification related to this purchase order.

Non-respect of these conditions can lead to cancellation of the Purchase Order and goods will be returned at Suppliers responsibility and cost.