

**FLOW DIAGRAM OF REGULATORY PROCESS OF INDUSTRIAL
ACCELERATOR FOR RADIATION PROCESSING (IARPF)**

AUTHORISATION AS A SUPPLIER INDUSTRIAL ACCELERATOR FOR RADIATION PROCESSING

(Prerequisite: Institute Registration in e-LORA under practice “ IARPF” and Institute Role : Supplier-IARPF, Trained and certified personnel in operation, servicing and maintenance of industrial accelerator radiation processing equipment & radiation safety), Radiation Protection Instrument, Authorization /MoU/Declaration from the original equipment manufacturer(OEM) for Indian representative to import, supply, marketing, sale and servicing & maintenance.

Ref. documents AERB/RF-RS/SG-3 & AERB/RF/SG/G-3)



**NO OBJECTION CERTIFICATE (NOC) TO IMPORT INDUSTRIAL ACCELERATOR
RADIATION PROCESSING UNIT**

(Application Form), Design certification from Competent Authority of country of origin with respect to radiological safety, IEC certification, Undertaking for servicing and maintenance of the equipment till its useful life., Factory acceptance Test report, Design specification of **industrial accelerator for radiation processing unit** etc.



**TYPE APPROVAL OF INDUSTRIAL ACCELERATOR RADIATION PROCESSING UNIT
(Conversion of NOC to TA)**

(Application Form), Installation Report, QA Report, Acceptance Test Report, customer operational feedback etc.

(Type approval testing may be carried out in presence of officers / representative from AERB)

REMARK:

For more detail please refer AERB Safety Guides No. AERB/SG/IS-5, AERB/RF-RS/SG-3 and AERB/RF/SG/G-3). Please apply through e-LORA for all the above stages.

**REGULATORY REQUIREMENTS FOR LOCAL SUPPLIER FOR INDUSTRIAL
ACCELERATOR FOR RADIATION PROCESSING FACILITY (IARPF)**

1. Register institute in e-LORA

New local supplier is required to register its institute in AERB's web-based application e-LORA system (Please visit AERB website www.aerb.gov.in to access e-LORA system). The guidelines for institute registration are available on e-LORA home page.

2. Supplier Authorisation

New local supplier is required to obtain Supplier Authorisation from AERB. For obtaining supplier authorisation, supplier is required to:

- i. Provide OEM (Original Equipment Manufacturer) authorisation letter stating that supplier is authorised for sell and provide maintenance services to OEM's equipment in India.
- ii. Provide details of trained man power (also trained from OEM of the equipment). The trained man power must be registered in e-LORA and declared as staff of the institute.
- iii. Provide details of radiation measuring, monitoring and QA tools. Radiation measuring, monitoring and QA tools must be declared in e-LORA.

3. NOC for import/supply of Industrial accelerator radiation processing unit

No Industrial accelerator radiation processing unit is allowed to be sold in the country without a valid certificate from AERB. When a new model is to be imported to the country for the first time, the local supplier needs to obtain NOC to import from AERB. The NOC is issued on the evaluation of specifications of the unit, the documents related to the design standards of the unit and approval from the competent authorities of other countries. The unit should be supplied to authorised user only. The user also has to obtain procurement permission for the same.

4. Type Approval

Once the first unit is imported/supplied and installed, local supplier needs to submit application to AERB for Type Approval (conversion of NOC to TA). For indigenously manufactured equipment supplier has to apply for type approval prior to its supply to end user. AERB representatives shall witness the performance of the unit and check whether the unit meets the required standards. Based on the physical evaluation of the unit, the Type Approval certificate is issued to the local supplier to supply the unit with terms and conditions. The user also has to obtain the procurement permission for the same.

5. Supply Status Report

Local supplier is required to submit periodic supply status report to AERB through e-LORA system.

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