

## **APPROVAL OF SOURCE STORAGE PIT**

Prior approval for commencing the use of the source storage room or its modification shall be obtained from the Competent Authority.

The following requirements shall be complied with for the storage of the radiography source:

- a. An exclusive storage room shall be provided for safe and secure custody of sources contained in IGRED during periods when the radiography source is not in use.
- b. The room in which IGRED are kept stored shall be in a location where effective physical security of the IGRED can be ensured.
- c. The room in which IGRED are kept stored shall not be located in a residential building or a commercial complex and shall be constructed in industrial area.
- d. The source storage room shall be constructed as per the specifications and drawing approved by the Competent Authority.
- e. The storage room shall have suitable pit(s) to house the IGRED. The pit shall be provided with a sufficiently thick metal plate as lid which can be fastened and locked so as to ensure the safety and security of the devices stored within.
- f. The radiation level on the lid of the pit shall not exceed 10  $\mu\text{Sv/h}$ .
- g. The storage room shall have only one entrance and it shall be kept under lock and key.
- h. The walls and the ceiling of the source storage room shall be of adequate thickness to ensure the physical security of the source and radiological safety of the personnel.
- i. The storage room shall be surrounded by a fencing.