## **TEMPLATE FORM OF MANAGEMENT PLAN OF DISUSED RADIOACTIVE SOURCE**

## **(FOR CATEGORY 1, 2 & 3 RADIOACTIVE SOURCE ONLY)**

*REF: SHENA/CID/FRM/5-439*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ORGANIZATION** |  | | | |
| **NAME OF LICENSEE** |  | | | |
| **NAME OF APPOINTED RPO** |  | | | |
| **PURPOSE** | **Current source** |  | **Import** |  |

**Definition of Disused Source:**

*Disused sources are* defined as a radioactive source that is no longer in use and for which there is no intention of future use under the practices for which it was originally authorized.

**A. Particulars of Radioactive Source currently in possession / to be imported**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **NO.** | **RADIOACTIVE SOURCE** | **MAX ACTIVITY**  **(CI/KBQ)** | **EXPECTED YEAR THE SOURCE BECOMES DISUSED**  ***(AS APPLICABLE)*** | **END-OF-LIFE MANAGEMENT OPTION** | | |
| ***\*RETURN TO SUPPLIER*** | ***SHORT-TERM STORAGE*** | ***LONG-TERM STORAGE AND DISPOSAL*** |
| 1 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |

*\*Most Recommended*

*(add the number of rows as applicable)*

**B. For option on ‘Return to Supplier’ you are required to fulfil the following checklist requirements:**

|  |  |
| --- | --- |
| **CHECKLIST** | **TICK** |
| 1. **Written agreement** on return of disused sources to supplier, which should consist of the following elements: |  |
| * *An* ***undertaking by the supplier to take the disused source within a specified time period****;* |  |
| * ***The arrangement for transport and associated conditioning*** *of the disused source in connection with its return (including the provision of a transport package certified in accordance with transport regulations and maintenance of the source special form certificate as applicable)* |  |
| * *The* ***initial estimation and allocation of the costs of return*** *between the user and the supplier.* |  |
| 1. *\*If applicable, please provide/ specify any relevant financial tools for return (however not limited to the following:)*    * Bankers guarantee.    * Insurance coverage.    * Letter of credits from banks. |  |

**C. For option on ‘Short-term Storage’ you are required to fill in the questionnaire below:**

|  |  |
| --- | --- |
| **QUESTION** | **RESPONSE** |
| 1. The location of the short-term storage. |  |
| 1. Duration of keeping the source at the location. |  |
| 1. Reason for choosing short-term storage. |  |

**Note:**

* *Short-term storage of a disused source must be stored in a safe and secure conditions*
* *There should be an appropriate time limit for short-term storage of a disused source.*

**D. For option on ‘Long-term Storage and disposal’ you are required to fill in the questionnaire below:**

|  |  |
| --- | --- |
| **QUESTION** | **RESPONSE** |
| 1. The location of the long-term storage |  |
| 1. Duration of keeping the source at the location. |  |
| 1. Reason for choosing long-term storage |  |

**You are also required to fulfil the following checklist requirements:**

|  |  |
| --- | --- |
| **CHECKLIST** | **TICK** |
| *The facilities in which they are stored are* ***fit for the purpose*** |  |
| ***Record of disused sources*** *in long-term storage facilities are established and maintained* |  |
| *The facility is* ***located, designed, constructed, operated and decommissioned in conformance with regulatory requirements and other established standards*** *for safety and security* |  |

**Note:**

* *Long-term storage of disused sources, even if planned for an extended period of time, is not meant to be a permanent solution but rather a stage prior to disposal.*