# University Health and Safety Form

# SEALED SOURCE LEAK TEST RESULT

The following information is required annually for every sealed radiation source or piece of equipment containing a sealed radiation source. This information is required by Regulation 28(3) of the Ionising Radiation Regulations 2017.

**User Details**

|  |  |
| --- | --- |
| Name of User |  |
| Department |  |

**Source Details**

|  |  |
| --- | --- |
| Owner of Source |  |
| Source Isotope |  |
| Source Activity (MBq) |  |
| Source Serial No. |  |
| Source Storage Location |  |

**Details of the test**

|  |  |
| --- | --- |
| Date of Test |  |
| Reason for Test |  |
| Type of Test |  |
| Visual Observations |  |
| Monitor Type Used |  |
| Monitor Serial No. |  |
| Monitor Calibration Date |  |
| Background Reading |  |
| Swab Reading |  |
| Corrected Counts |  |
| Level of ActivityUse the following equation to calculate the level of activity on the swab**Corrected Counts Per Seconds \* 1x104****Area swabbed(cm2) x Efficiency of the monitor****Activity on swab:\_\_\_\_\_\_\_\_\_\_Bq****The maximum permissible activity is no more than 200Bq.****If the calculated activity exceeds 185Bq, the source is considered to have failed.** |
| Result of Test | Pass / Fail |

**Further comments of observations**

|  |
| --- |
|  |

**Details of person conducting the test**

|  |  |  |  |
| --- | --- | --- | --- |
| Name |  | Signature |  |
| Title |  | Date |  |

A copy of this form is to be forward to the University Radiation Protection Officer (URPO) for filing. The department is to retain a copy for a minimum of 5 years.