**Data sheet for the official personal dose monitoring**

**Details of the person requesting monitoring**

Last name:

Title:

First name:

Birth name (if different from above):

Radiation passport number (if any):

Date of birth (day, month, year):

Sex: male female

**Official personal radiation dose monitoring equipment**

TLD:

Operative dose meter

Other:

measurment date/time:)

dose:

**Use of the dosimeter for measuring of:**

X-ray radiation and gamma radiation (X-, γ-Str.)

Electron radiation (e-Str.)

Beta radiation (β-Str.)

**Wear location of the dosimeter**

Upper torso (X-ray equipment )

Lower torso (Radioactive substances)

Head (Particle accelerator)

Upper arm (Reactor)

Hand

Foot

**Protection**

Lead shielding: protective clothing, cape, thyroid protection, lead glasses

**Working with the following radiation sources:**

X-ray equipment

Lower torso Radioactive substances

Head Particle accelerator

|  |  |  |  |
| --- | --- | --- | --- |
| Type of radiation and energy range: X-(ray) radiation |  | e-(electron) radiation |  |
| 1 | (tube voltage) | 1 | under 0,2 MeV  |
| 2 | 0 to 20 kV  | 2 | 0,2 – 1 MeV  |
| 3 | 0 to 60 kV  | 3 | over 1 MeV  |
| 4 | 0 to 150 kV  |  |  |
| 5 | 0 to 400 kV  |  |  |

**Radioactive isotopes that are most commonly used:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| H3  | P33  | Mn 54  | Ga 67  | Ru 103  | J 123  | Ce 141  | Au 198  | Rn 220  | Pu 241  |
| C 11  | S 35  | Fe 55  | Kr 85  | Ru 106  | J 125  | Ce 144  | Au 199  | Rn 222  | Am 241  |
| C 14  | Ar 37  | Fe 59  | Sr 89  | Ag 110  | J 129  | Pr 143  | Hg 197  | Ra 226  | Cf 252  |
| N 16  | K 40  | Co 57  | Sr 90  | Ag 111  | J 131  | Pr 144  | Hg 203  | Th 232  | Tc99m |
| F 18  | K 42  | Co 58  | Y 90  | In 111  | J 132  | Pm 147  | Ti 201  | U 235  |
| Na 22  | Ca 45  | Co 60  | Zr 95  | In 113  | Cs 134  | Sm 151  | Ti 204  | U 238  |
| Na 24  | Ca 47  | Ni 63  | Nb 95  | In 114  | Cs 137  | Eu 154  | Pb 210  | Np 239  |
| Mg 28  | Cr 51  | Ni 65  | Mo 99  | Sb 124  | Ba 140  | Eu 155  | Po 208  | Pu 238  |
| P 32  | Mn 52  | Zn 65  | Te 99  | Sb 125  | La 140  | Ir 192  | Po 210  | Pu 239  |

**Type of activity which presumably provides the highest contribution to the dose:** (only one possible choice)

Activity in the medical field including medical research:

- X-ray diagnostics, only recording mode - without fluoroscopy

- X-ray diagnostics, fluoroscopy and record mode

- Nuclear medicine, only diagnostics

-Nuclear medicine, diagnostics and therapy with unsealed radioactive substances

- Radiotherapy

- Radiopharmacy, laboratory medicine and biochemistry

-Other activities in the medical field of performance of tasks

**Contamination at the work time period**:

 **NO** YES

Date:…………………………………………………………………………………………………………Radiation Safety Officer Signature