**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