 Consignment note reference no: ………………………………

|  |  |  |  |
| --- | --- | --- | --- |
| The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 SI 1348.   * European Agreement Concerning the International Carriage of Dangerous Goods by Road: ADR 2013. * IAEA Regulations for the Safe Transport of Radioactive Material 2012: SSR-1. | | | |
| Radioactive Package, Excepted Package - Limited Quantity of Material | | UN “Class 7”  UN2910 | |
| Consignor | | Consignee | |
| Details of materials (radioisotope, activity, mass / volume, physical & chemical form, your sample / source ID no.) | | | |
| For uranium and thorium compounds only | | | Manchester MBA: QUMC |
| Compound | Compound mass (3 sig.figs) | | Elemental mass of U / Th (3 sig.figs.) |
| EURATOM material category code (Appendix)  N / D / U | Consignee’s EURATOM MBA code | | EURATOM 2 letter code for form of material (Appendix) |
| EURATOM Batch ref | Your sample ID no. | | Container code (Appendix) |
| Maximum dose rate at surface of package  ………………………………………….µSv/h | | Weight of package (kg) | |
| I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packed, marked and labelled and are in all respects in proper condition for transport by road or air according to the applicable international and national governmental regulations. | | | |
| Name of signatory & position / role in organisation | | | |
| Signature | | Date | |
| Emergency contact details | | | |

***Conditions for transport of material as an excepted package - UN2910:***

1. *Package/packaging:*
   1. *In addition to radioactive properties any other dangerous contents such as explosiveness, flammability, toxicity, etc. must be taken into account in the packing, labelling, storage and transport.*
   2. *Under routine conditions of transport the integrity of the package must not deteriorate and the radioactive contents should be retained.*
2. *Maximum radiation levels: Less than 5µSv/h at the surface of the package.*
3. *Labelling and marking:*
   1. *Each package bears the marking “Radioactive” on an internal surface.*
   2. *The package must be legibly and durably marked on the outside of the packaging with the identification of the consignor or the consignee, or both, and the mark “UN2910”.*
   3. *Packages with a gross mass greater than 50kg must be marked on the outside of the packaging with their permissible gross mass.*
   4. *Packages with other dangerous properties must be appropriately labelled.*
4. *Placarding: Vehicle placards are not required for radioactive contents, but may be for other dangerous properties.*
5. *Transport documents:*
   1. *A copy of this transport document must accompany the package.*
   2. *A copy of this transport document must be kept by the consignor for two years.*

#### *INSTRUCTIONS FOR CARRIER / DRIVER*

1. *Only accept this package for transport if it is in good condition, properly sealed and is marked with “UN2910” and with both the consignor’s and delivery addresses.*
2. *On accepting the package* ***sign this document****, keep it with you during transport, and then pass it onto the recipient of the package on delivery.*
3. *The package should be carefully handled at all times so as to prevent damage to the packaging or contents.*
4. *There are no other specific requirements for loading, segregation or carriage of this package.*
5. *In the event of an accident or incident during transport contact:*

*Radiation Safety Unit, University of Manchester, 0161 27 56983*

***CARRIER/DRIVER***

**Name …………………………….. Signature……………………………….Date…………….**

### Appendix: Guidance for Consignor on EURATOM Requirements

#### Material category code

N = natural uranium, D = depleted uranium, T = thorium

#### 2 letter code for form of uranium / thorium compounds

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Main type | Subtype | Code | Main type | Subtype | Code | Main type | Subtype | Code |
| Ore | - | OR | Solutions | Nitrate | LN | Sealed source | - | QS |
| Concentrates | - | YC | Fluoride | LF | Small quantity / sample | - | SS |
| Uranium hexafluoride | - | U6 | Other | LO | Scrap | Homogeneous | SH |
| Uranium tetrafluoride | - | U4 | Powder | Homogeneous | PH | Heterogeneous | SN |
| Uranium dioxide | - | U2 | Heterogeneous | PN | Solid waste | Hulls | AH |
| Uranium trioxide | - | U3 | Ceramics | Pellets | CP | Mixed (e.g. plastics, gloves) | AM |
| Uranium oxide | - | U8 | Spheres | CS | Contaminated equipment | AC |
| Thorium oxide | - | T2 | Other | CO | Other | AO |
|  | | | Metal | Pure | MP | Liquid waste | Low active | WL |
| Alloys | MA | Medium active | WM |
| Fuel | Rods, pins | ER | High active | WH |
| Plates | EP | Conditioned waste | Glass | NG |
| Bundles | EB | Bitumen | NB |
| Assemblies | EA | Concrete | NC |
| Other | EO | Other | NO |

#### Code for type of container material is stored in

|  |  |  |  |
| --- | --- | --- | --- |
| Container | Code | Container | Code |
| Cylinder | C | Birdcage | B |
| Pack | P | Bottle | F |
| Drum | D | Tank or other container | T |
| Discrete fuel unit | S | Other | O |