

SCHEDULE

PART I

[^{F1}ACTIVITIES REFERRED TO IN REGULATION 4(1)]

Textual Amendments

F1 Sch. Pt. 1 heading substituted (31.12.2020) by [The Nuclear Safeguards \(EU Exit\) Regulations 2019 \(S.I. 2019/196\)](#), reg. 1(2), **Sch. 3 para. 13(a)** (with Sch. 4); 2020 c. 1, Sch. 5 para. 1(1)

1. [^{F2}The activities referred to in regulation 4(1) are]:

- (i) the manufacture of centrifuge rotor tubes or the assembly of gas centrifuges;
- (ii) the manufacture of diffusion barriers;
- (iii) the manufacture or assembly of laser-based systems;
- (iv) the manufacture or assembly of electromagnetic isotope separators;
- (v) the manufacture or assembly of columns or extraction equipment;
- (vi) the manufacture of aerodynamic separation nozzles or vortex tubes;
- (vii) the manufacture or assembly of uranium plasma generation systems;
- (viii) the manufacture of zirconium tubes;
- (ix) the manufacture or upgrading of heavy water or deuterium;
- (x) the manufacture of nuclear grade graphite;
- (xi) the manufacture of flasks for irradiated fuel;
- (xii) the manufacture of reactor control rods;
- (xiii) the manufacture of criticality safe tanks and vessels;
- (xiv) the manufacture of irradiated fuel element chopping machines;
- (xv) the construction of hot cells.

Textual Amendments

F2 Words in Sch. Pt. 1 para. 1 substituted (31.12.2020) by [The Nuclear Safeguards \(EU Exit\) Regulations 2019 \(S.I. 2019/196\)](#), reg. 1(2), **Sch. 3 para. 13(b)** (with Sch. 4); 2020 c. 1, Sch. 5 para. 1(1)

2. In paragraph 1:

- “centrifuge rotor tubes” means thin-walled cylinders as described in entry 5.1.1(b);
- “gas centrifuges” means centrifuges as described in the Introductory Note to entry 5.1;
- “diffusion barriers” means thin, porous filters as described in entry 5.3.1(a);
- “laser-based systems” means systems incorporating those items described in entry 5.7;
- “electromagnetic isotope separators” means those items referred to in entry 5.9.1 containing ion sources as described in entry 5.9.1(a);
- “columns or extraction equipment” means those items as described in entries 5.6.1, 5.6.2, 5.6.3, 5.6.5, 5.6.6, 5.6.7 and 5.6.8;

Changes to legislation: There are currently no known outstanding effects for the The Nuclear Safeguards (Notification) Regulations 2004, PART I. (See end of Document for details)

“aerodynamic separation nozzles or vortex tubes” means separation nozzles and vortex tubes as described respectively in entries 5.5.1 and 5.5.2;

“uranium plasma generation systems” means systems for the generation of uranium plasma as described in entry 5.8.3;

“zirconium tubes” means tubes as described in entry 1.6;

“heavy water or deuterium” means deuterium, heavy water (deuterium oxide) and any other deuterium compound in which the ratio of deuterium to hydrogen atoms exceeds 1:5000;

“nuclear grade graphite” means graphite having a purity level better than 5 parts per million boron equivalent and with a density greater than 1.50g/cm³;

“flask for irradiated fuel” means a vessel for the transportation and/or storage of irradiated fuel which provides chemical, thermal and radiological protection, and dissipates decay heat during handling, transportation and storage;

“reactor control rods” means rods as described in entry 1.4;

“criticality safe tanks and vessels” means those items as described in entries 3.2 and 3.4;

“irradiated fuel element chopping machines” means equipment as described in entry 3.1;

“hot cells” means a cell or interconnected cells totalling at least 6m³ in volume with shielding equal to or greater than the equivalent of 0.5m of concrete, with a density of 3.2g/cm³ or greater, outfitted with equipment for remote operations.

3. The numbered entries referred to in paragraph 2 are the entries so numbered in Annex II, which entries are set out (with other entries referred to in them) in Part II of this Schedule.

Changes to legislation:

There are currently no known outstanding effects for the The Nuclear Safeguards (Notification) Regulations 2004, PART I.