



Explanatory Notes

**** This form has been designed for listing all nuclear material and/or associated material held by permit holders. This form must be kept up to date by the permit holder and submitted to ASNO by the due date identified on the front of the form ****

Ref. No. A sequential reference number is required for each form of this type submitted by the Permit Holder (eg, 001, 002, 003, etc). Where amendments are made to a previously submitted form, please use the same reference with a sequential revision number (eg, 003-Rev.1).

Reporting to ASNO This completed form must be submitted to ASNO by 5 July of the same year in which the inventory period concludes

Description In the circumstance where an item is listed for the first time on this form, the detail in the Description field should be the same as that used on form ASO323.

Batch No. If known, ASNO-assigned batch numbers should be used.

Material category Use the alpha-character in brackets for the relevant material in the list below:
Natural uranium (N), depleted uranium (D), thorium (T), plutonium (P), heavy water (W) or graphite (G)

Weights - Element..... This refers to the contained weight of nuclear material in the compound. As an example, the percentage weight of uranium contained in U₃O₈ is 84.8%. For heavy water, use the compound weight.

Note on Units of Measure

Material Category	Unit of Measure	Precision
Natural uranium, depleted uranium, thorium, heavy water, graphite.	Kilogram (kg)	For >0.01 kg – 2 decimal places For <0.01 kg – as precise as known
Enriched uranium, plutonium	Gram (g)	For >0.01 g – 2 decimal places For <0.01 g – as precise as known

Signature This form must be signed by a representative of the Permit Holder (ie, the organisation) who will take responsibility for, and sign documents on behalf of, the organisation.

This form replaces the following forms →	ASO310 (Revision 4 issued 22 December 2005)
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EXAMPLE ONLY

Inventory listing

Batch No	Brief Description	Category	Weights			Location
			Gross	Element	Isotope	
101-A001	Uranyl Acetate powder	N	5.34 kg			Room 101
101-A002	10% enriched standard Uranium Nitrate in 1 litre solution	E	1500 g	10.00 g	1.00 g	Room 101
101-B003	Shielding Block S/N: W03-99	D	80.10 kg	80.10 kg		Lab 15
101-C001	Button source S/N: Amersham7123	P		1 x 10 ⁻⁹ g		Waste Store
101-D001	Shielding in Radiography Camera Techops 660-999	D	24 kg	16.80 kg		