

ANNEXE 7 – Classification, quantité d’exemption et limite annuelle d’incorporation

Radio-nucléide	QE MBq	LAI estimé (ingéré) MBq/an	Classification des salles MBq (mCi)			Frottis salle contrôlée Bq/cm ² CCSN	Frottis salle public Bq/cm ² CCSN	Frottis salle contrôlée Bq/cm ² UQAM	Frottis salle public Bq/cm ² UQAM
			Élémentaire ≤	Intermédiaire ≤	Supérieur ≤				
Ag-110m	1	.003	.015	0.15	1.5				
Ba-133	1	10	50	500	5000	30	3	3	.3
Br-82	1	37	185	1850	18500	30	3	3	.3
C-14	10	34	170 (4.6)	1700	17000	300	30	3	.3
Ca-45	10	26	130 (3.5)	1300	13000	300	30	3	.3
Cd-109	1	10	50 (1.35)	500	5000	300	30	3	.3
Cl-36	1	22	110 (2.97)	1100	11000	300	30	3	.3
Co-57	1	95	475 (12.8)	4750	47500	300	30	3	.3
Co-58	1	27	135 (3.65)	1350	13500	30	3	3	.3
Co-60	0.1	6	30 (0.81)	300	3000	3	0.3	3	.3
Cr-51	10	530	2650 (71.6)	26500	265000	300	30	3	.3
F-18	1	410	2054 (55)	20540	205400	30	3	3	.3
Fe-59	1	10	50 (1.35)	500	5000	30	3	3	0.3
Ga-67	1	110	550 (14.9)	5500	55000	30	3	3	0.3
H-3	1000	1000	5000 (135)	50000	500000	300	30	3	0.3
Hg-194	0.01	1	5 (0.135)	50	500	30	3	3	0.3
Hg-203	0.1	37	185 (5)	1850	18500	30	3	3	0.3
I-123	10	95	475 (12.8)	4750	47500	300	30	3	0.3
I-125	1	1.3	6.5 (0.176)	65	650	300	30	3	0.3
I-131	1	0.91	4.5 (0.12)	45	450	4500	3	3	0.3
In-111	1	70	350 (9.45)	3500	35000	30	3	3	0.3
Kr-85	0.01	N/A	----	----	----				
Na-22	0.01	6	30 (0.81)	300	3000	3	0.3	3	0.3
P-32	0.1	8.3	41.5 (1.12)	415	4150	300	30	3	0.3
P-33	10	80	400 (10.8)	4000	40000	300	30	3	0.3
Pa-233	0.01	6	30	300	3000	30	3	3	0.3
Pb-210	0.01	0.03	0.15(0.0041)	1.5	15	3	0.3	3	0.3
Po-209	0.001	0.009	0.045	0.45	4.5			3	0.3
Ra-226	0.01	0.07	0.35 ()	3.5	35	3	0.3	3	0.3
S-35	100	26	130 (3.5)	1300	13000	300	30	3	0.3
Sb-124	0.01	8	40 (1.08)	400	4000	3	0.3	3	0.3
Sr-85	1	36	180 (4.86)	1800	18000	30	3	3	0.3
Tc-99	10	26	130 (3.5)	1300	13000	300	30	3	0.3
Tc-99m	10	910	4550 (123)	45500	455000	300	30	3	0.3
Th-228	0.01	0.00063	0.0032	0.032	0.32			3	0.3
Th-229	0.001	0.00029	0.0015	0.015	0.15			3	0.3
Th-232	0.01	0.0004	0.002	0.02	0.2	3	0.3	3	0.3
Ti-201	1	210	1050 (28.3)	10500	105000	300	30	3	0.3
Ur-232	0.001	0.00077	0.0039	0.039	0.39			3	0.3
Ur-233	0.01	.003	0.015	0.15	1.5			3	0.3
Ur-236	0.01	.003	0.015	0.15	1.5			3	0.3
Xe-133	0.01	N/A	----	----	----				
Zn-65	1	0.5	2.5 (0.0675)	25	250	3	.3	3	0.3