



# Report on Lost or Stolen Sealed Sources and Radiation Devices



# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2021

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						Recovered Date
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	
2021-10-19	5360	Stolen portable gauge	London, ON	1	Troxler 3430 S/N 38947	77-6395 78-3730	Cs-137 Am-241/Be	295 1,480	MBq MBq	4 4	2021-10-31
2021-10-13	5357	Lost fixed gauge	Mississauga, ON	1	Industrial Dynamics FT-50 S/N 110393	4676	Am-241	3.7	GBq	4	
2021-09-27	5343	Lost 21 sealed sources (eye patch)	Edmonton, AB	0			I-125	1,295	MBq	5	
2021-07-14	5280	Stolen portable gauge	Chilliwack, BC	1	Troxler 3430 S/N 36490	77-3711 78-1416	Cs-137 Am-241/Be	209 1,443	MBq MBq	4 4	
2021-06-30	5273	Lost sealed source	Toronto, ON	0			I-125	3.7	MBq	5	
2021-05-09	5209	Stolen portable gauge	Maple Ridge, BC	1	CPN International MC1 DRP S/N 10343	A0343 C0343	Cs-137 Am-241/Be	325.1 1.73	MBq GBq	4 4	
2021-04-06	5194	Found four fixed gauges	Calgary, AB	0	Industrial Nucleonic PHH-3 S/N 86704525 Industrial Nucleonic PHH-3 S/N 86704527 Industrial Nucleonic PHH-3 S/N 969426392 Industrial Nucleonic PHH-3 S/N 96942646	Cs-4696 Cs-4699 Cs-4787 Cs-4795	Cs-137 Cs-137 Cs-137 Cs-137	152 152 158 158	MBq MBq MBq MBq	5 5 5 5	2021-04-06
2021-04-05	5180	Stolen portable gauge	Clearwater, BC	1	Troxler 3440+ S/N 73528	77-16349 78-11627	Cs-137 Am-241/Be	286 1,475	MBq MBq	4 4	

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2020

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						Recovered Date
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	
2020-11-19	5081	Lost XRF Analyzer	London, ON	0	Niton XL S/N 9282		Am-241	1.1	GBq	5	
2020-07-16	4975	Stolen portable gauge	Montreal, QC	1	Troxler 4640B S/N 1216	75-3308	Cs-137	158	MBq	4	
2020-04-28	4935	Stolen portable gauge	Calgary, AB	1	Troxler 3430 S/N 35641		Cs-137 Am-241/Be	298 1,480	MBq MBq	4 4	2020-04-30

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2019

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						Recovered Date
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	
2019-11-07	4814	Lost static eliminator	Montreal, QC	0	NRD Advanced Static Control 2U500		Po-210	2.4	MBq	5	
2019-04-15	4627	Lost two check sources	Woodbridge, ON	0			Cs-137 Cs-137	18.5 9.5	kBq MBq	5 5	
2019-03-12	4612	Lost liquid scintillation counter	Montreal, QC	0	Beckman Coulter LS 6000 SC 7065573	1469	Cs-137	592	kBq	5	
2019-01-11	3558	Lost sealed source	Greenfield Park, QC	0		BM03057LI8317104	Co-57	1850	kBq	5	

## Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2018

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						Recovered Date
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	
2018-12-04	3528	Lost smoke detectors (66 units)	Pickering, ON	0	Pyrotronics/Cerberus F3/5A and F5B		Am-241	2960	kBq	5	
2018-08-22	3450	Lost sealed source	Medicine Hat, AB	0		1816-7-3	Co-57	3.7	MBq	5	
2018-07-09	3396	Lost sealed source	Edmonton, AB	0		1951-17-03	Co-57	3.04	MBq	5	
2018-06-08	3371	Stolen portable gauge	Quebec, QC	1	Troxler 3440 S/N 17226	506537 4712648	Cs-137 Am-241/Be	300 1,480	MBq MBq	4 4	
2018-05-09	3336	Lost sealed source	Montreal, QC	0		1910-52-10	Co-57	3.7	MBq	5	
2018-04-12	3302	Lost sealed source	Bécancour, QC	0		1432	Sr-90	325	kBq	5	

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2017

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						Recovered Date
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	
2017-11-01	3180	Lost check source	Toronto, ON	0		161	Cs-137	370	kBq	5	
2017-10-01	3159	Stolen portable gauge	Toronto, ON	1	Humboldt HS 5001 S/N 1073	477640 501110	Am-241/Be Cs-137	1,628 407	MBq MBq	4 5	
2017-10-01	3220	Lost check source	Toronto, ON	0			Pb-210	185	kBq	5	
2017-06-20	3088	Lost five liquid scintillation counters	Edmonton, AB	0	Packard 2100TR S/N 406006		Ba-133	6,327	kBq	5	
					Beckman LS3801 S/N 204663		Cs-137	1.11	MBq	5	
					Beckman LS3801 S/N 258602		Cs-137	1.48	MBq	5	
					LKB Wallac Rackbeta		Ra-226	37	kBq	5	
					LKB Wallac Rackbeta S/N 188725		Ra-226	370	kBq	5	
2017-02-20	2998	Lost sealed source	Montréal, QC	0		1639-18-43	Cs-137	16.8	kBq	5	

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2016

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
2016-12-08	2955	Lost sealed source	Ottawa, ON	0		175	Cs-137	370	kBq	5	Not recovered
2016-10-03	2867	Stolen portable gauge	Montréal, QC	1	Troxler 3411B S/N 20103	75-1361 47-15587	Cs-137 Am-241/Be	300 1,480	MBq MBq	4 4	Not recovered
2016-01-08	2677	Lost sealed sources	Pickering, ON	0			Am-241 Cl-36 Ba-133 Cs-137 Sr-90 Sr-90 Cs-137	3.6 100 41 28 30 30 73	GBq kBq MBq kBq kBq kBq kBq	5 5 5 5 5 5 5	Not recovered

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2015

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
2015-10-07	2598	Stolen portable gauge	Les Cèdres, QC	1	Humboldt 5001	379	Cs-137 Am-241/Be	370 1,480	MBq MBq	4 4	Not recovered
2015-09-30	2591	Lost check source	Richmond, BC	0			Cs-137	37.0	kBq	5	Not recovered
2015-09-21	2590	Lost sealed source	Edmonton, AB	0			Ra-226	370	kBq	5	Not recovered
2015-06-30	2556	Lost check sources	Mississauga ON	0			Cs-137 Cs-137 Cs-137	370 370 370	kBq kBq kBq	5 5 5	Not recovered
2015-06-20	2491	Stolen portable gauge	Montréal, QC	1	Troxler 3411B	12183	Cs-137 Am-241/Be	326 1,628	MBq MBq	4	Not recovered



# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2014

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
2014-10-21	2309	Lost	London, ON	Lost liquid scintillation counter	Beckman,LS		Cs-137	0.6	MBq	5	Not recovered
2014-10-06	2258	Stolen	Fort McMurray, AB	Stolen portable gauge	Troxler, 3430	69167	Cs-137 Am-241/Be	296 1,480	MBq MBq	4 4	Not recovered
2014-09-15	2251	Lost	Québec, QC	Lost sealed source			Eu-152	18.0	MBq	5	Not recovered
2014-08-29	2259	Stolen	Red Deer, AB	Stolen portable gauge	Troxler, 3450 Troxler, 3450	21694 21694	Cs-137 Am-241/Be	333 1,628	MBq MBq	4 4	Not recovered
2014-05-28	2193	Stolen	Edmonton, AB	Stolen XRF Analyzer	Niton, XL	13010	Am-241	1,110	MBq	5	Not recovered

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2014

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
							Am-241	3.4	GBq	3	2014-05-27
							Am-241	206	kBq	5	Not recovered
							Am-241	1.7	MBq	5	Not recovered
							Am-241	203	kBq	5	Not recovered
							Am-241	68.4	kBq	5	Not recovered
							Am-241	288	kBq	5	Not recovered
							Ba-133	440	kBq	5	Not recovered
2014-03-21	2132	Lost	Toronto, ON	Lost sealed sources			Ba-133	25.0	kBq	5	Not recovered
							Ba-133	16.0	kBq	5	Not recovered
							Cd-109	50.0	Bq	5	Not recovered
							Cs-137	14.2	kBq	5	Not recovered
							Cs-137	144	kBq	5	Not recovered
							Ra-226	36.0	Bq	5	2014-05-27
							Na-22	220	kBq	5	Not recovered
							Eu-152	720	kBq	5	Not recovered

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2013

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
2013-10-30	2051	Lost	Baie-Comeau, QC	Loss of two hygrometers	Alnor, 7000	16011	Ra-226	463	kBq	5	Not recovered
					Alnor, 7000	23307	Ra-226	463	kBq	5	Not recovered
2013-10-17	2052	Lost	Ottawa, ON	Loss of five sealed sources			Am-241	1.5	MBq	5	Not recovered
							Co-60	0.3	MBq	5	Not recovered
							Ba-133	0.5	MBq	5	Not recovered
							Co-57	0.3	MBq	5	Not recovered
							Cs-137	0.6	MBq	5	Not recovered
2013-08-07	1989	Stolen	Toronto, ON	Stolen portable gauge	Humboldt 5001C	2038	Cs-137	370	MBq	4	2020-06-03
							Am-241/Be	1,480	MBq	4	
2013-05-10	1938	Lost	Mississauga, ON	Lost fixed gauge	Ohmart-Bal	8472	Kr-85	9.5	GBq	N/A	Not recovered
2013-02-23	1870	Lost	Fort McMurray, AB	Lost fixed gauge	Ronan, SA8R-C10	3700CN	Cs-137	185	MBq	5	Not recovered

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2012

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
2012-11-20	1814	Stolen	Vaughan, ON	Stolen portable gauge	Humboldt, H5001P	21	Am-241/Be Cs-137	1.5 370	GBq MBq	4 4	Not recovered
2012-06-04	1727	Lost	Montréal, QC	Lost radiation device	Wallac, 1200	1409-001	Ra-226	370	kBq	5	Not recovered

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2011

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	Recovered Date
2011-11-20	1587	Stolen	Magog, QC	Stolen portable gauge	Troxler, 3430	64806	Am-241/Be Cs-137	1.5 300	GBq MBq	4 4	Not recovered
2011-09-30	1564	Lost	Toronto, ON	Lost radiation device	Niton, XL		Am-241	1.1	GBq	5	Not recovered
2011-07-11	1508	Stolen	Régina, SK	Stolen portable gauge from worksite	Troxler, 3430	64797	Am-241/Be Cs-137	1.5 300	GBq MBq	4 4	Not recovered
2011-06-08	1485	Stolen	Montréal, QC	Stolen portable gauge	Troxler, 3450	1068	Am-241/Be Cs-137	2.2 333	GBq MBq	4 4	Not recovered

# Report on Lost, Stolen and Found Sealed Sources and Radiation Devices Events from 2008 to 2010

Date	Event Number	Event Description	Location	INES Classification	Radiation Device and Sealed Source Description						Recovered Date
					Radiation Device Make/Model and Serial Number	Sealed Source Serial Number	Nuclear Substance	Activity	Unit	Sealed Source Category	
2010-11-23	1380	Lost	Ofrey, BC	Lost XRF analyzer	ASOMA, LCA		Cm-244	3.7	GBq	5	Not recovered
2010-10-31	1668	Stolen	Iqaluit, NU	Stolen XRF analyzer	Thermo, XLP 703a	8088	Am-241 Cd-109 Fe-55			5	Not recovered
2010-07-29	1347	Stolen	Montréal, QC	Stolen portable gauge	Troxler, 3411B	5929	Am-241/Be Cs-137	1.6 333	GBq MBq	4	Not recovered
2010-05-31	1282	Stolen	Vaughan, ON	Stolen portable gauge	Humboldt, 5001P	887	Am-241/Be Cs-137	1.6 407	GBq MBq	4	Not recovered
2009-08-17	1196	Stolen	Hwy 903, Kelly Lake, SK	Stolen portable gauge	Troxler, 3430	39444	Am-241/Be Cs-137	1.6 333	GBq MBq	4 4	Not recovered
2009-08-05	1182	Stolen	Scarborough, ON	Stolen portable gauge	Humboldt, 5001B	4979	Am-241/Be Cs-137	1.6 333	GBq MBq	4 4	Not recovered
2009-04-30	1126	Discovery	La Prairie, QC	Discovery of radiation device at scrap metal facility	Troxler, 3411B	12445	Am-241/Be Cs-137	1.9 300	GBq MBq	4 4	Not recovered 2009-04-30
2008-12-03	1098	Stolen	Laval, QC	Stolen portable gauge	Troxler, 3411B	12445	Am-241/Be Cs-137	1.5 300	GBq MBq	4 4	Not recovered