Annual Compliance Reporting Form

Licensed Activity: Servicing, installation and dismantling of devices – basic servicing

Usetype (822)

Revision Date: September 2016

Declaration of Licensee Representative

I Mojgan Soleimani having the authority to act for the licensee pursuant to Section 15 of the General Nuclear Safety and Control Regulations, certify that all statements and representations made in this Annual Compliance Report and any supplementary pages appended to this report are true and correct to the best of my knowledge.

Title	Date (YYYY-MM-DD)
Radiation Safety Officer	2020-02-25

It is an offence under the Nuclear Safety and Control Act to knowingly make a false report.

For more information, or for questions on the content and/or filling of ACR forms, please contact the CNSC Directorate of Nuclear Substance Regulation at 1-888-229-2672.

When complete, please submit this form via email to cnsc.acr-rac.ccsn@canada.ca or by fax to 613-995-5086.

Print Form Reset Form

Licensee Organization Information

Licensee Name	Licensee Corporation Number (if applicable)
Best Theratronics Ltd.	6883508

Licensee Business Number (if applicable)	Licence Number
830283554	14127-8-24.0

Reporting Period

This Annual Compliance Report covers the 12 month period.

From	To
2019-01-01	2019-12-31

Head Office Legal Address

Street Address

413 March Road

City	Province/State	Country	Postal/Zip Code
Ottawa	ON	Canada	K2K 0E4

Radiation Safety Officer (RSO)

Name	Title
Mojgan Soleimani	Radiation Safety Officer

Mailing Address

Street Address	City
413 March Road	Ottawa

Province/State	Country	Postal/Zip Code	Telephone Number
ON	Canada	K2K 0E4	613 591 2100 x2766

Alternate Telephone Number	Facsimile	Email Address
613 355 7771	613 591 5680	mojgan.soleimani@theratronics.ca

Alternate Radiation Safety Officer (if applicable)

☐ Check here if no alternate RSO

Name	Title
Edna Sacay	Radiation Safety Specialist

Mailing Address

☑ Check here if same as "Radiation Safety Officer"

Street Address	City
413 March Road	Ottawa

Province/State	Country	Postal/Zip Code	Telephone Number
ON	Canada	K2K 0E4	613 591 2100 x2029

Alternate Telephone Number	Facsimile	Email Address
343 996 5315	613 591 5680	edna.sacay@theratronics.ca

Financial Contact (if applicable)

Name	Title
Bisher Khirbik	Finance Manager

Mailing Address

☑ Check here if same as "Radiation Safety Officer"

Street Address	City		
413 March Road	Ottawa		
Province/State	**Country**	**Postal/Zip Code**	**Telephone Number**
ON	Canada	K2K 0E4	613 591 2100
Alternate Telephone Number	**Facsimile**	**Email Address**	
	613 591 6627	bisher.khirbik@theratronics.ca	

Signing Authority

☑ Check here if same as "Radiation Safety Officer"

Name	Title
Mojgan Soleimani	Radiation Safety Officer

Mailing Address

☑ Check here if same as "Radiation Safety Officer"

Street Address	City		
413 March Road	Ottawa		
Province/State	**Country**	**Postal/Zip Code**	**Telephone Number**
ON	Canada	K2K 0E4	613 591 2100 x2766
Alternate Telephone Number	**Facsimile**	**Email Address**	
613 355 7771	613 591 5680	mojgan.soleimani@theratronics.ca	

Applicant Authority

☐ Check here if same as "Radiation Safety Officer"

Name	Title
Krishnan Suthanthiran	President

Mailing Address

☑ Check here if same as "Radiation Safety Officer"

Street Address			
413 March Road			
City	**Province/State**	**Country**	**Postal/Zip Code**
Ottawa	ON	Canada	K2K 0E4
Telephone Number	**Alternate Telephone Number**	**Facsimile**	
703 451 2378 x104			
Email Address			
krish@teambest.com			

Licensed Locations

Report all locations where the licensed activity has been conducted for more than 90 days during the reporting period.

NOTE : The information requested on this page may be submitted as a separate spreadsheet attached to the same email as this form. Please ensure your spreadsheet uses the same headings as in the table below, and contains all required information, or see www.nuclearsafety.gc.ca/acr for templates.

Building	Address or Geographical Coordinates *	City, Province	Postal Code	Location Contact Person		
				Name	Phone	Email (if applicable)

* GPS coordinates must be in the following format: ##.####N,###.####W. Post office box is not acceptable.

Comments

There has been no licensed activity that reached or exceeded 90 days in Canada within the reporting period. A list of servicing locations have been attached.

Inventory: Sealed Sources

Enter your inventory of CNSC-licensed sealed sources specific to this licence in the table below. Report one source per line.

☑ Check here if you currently have no sealed sources in inventory.

Date of inventory (YYYY-MM-DD)

NOTE: The information requested on this page may be submitted as a separate spreadsheet attached to the same email as this form. Please ensure your spreadsheet uses the same headings as in the table below, and contains all required information, or see www.nuclearsafety.gc.ca/acr for templates.

Sealed Source(s)
(List only sealed sources that are not contained in a radiation device)

Manufacturer	Model	Serial Number	Nuclear Substance	Current Activity †	Activity Units

† If the Current Activity is not known, but is known for a date in the past, use the decay calculator located at http://www.radprocalculator.com/Decay.aspx to deter mine the Current Activity

Comments

Inventory: Financial Guarantees

In accordance with the requirements of the CNSC Financial Guarantee program, report the number of individual sealed sources not contained in a radiation device and/or the number of radiation devices containing greater than 50 MBq on the reporting date:

Sealed Sources > 50 MBq:	Radiation Devices > 50 MBq:
0	0

Inventory: Radiation Devices Containing Sealed Sources

Enter your inventory of CNSC-licensed radiation device(s) in possession in the table below. Report one device per line.

☑ Check here if you currently have no radiation devices in inventory

Date of inventory (YYYY-MM-DD)

NOTE: The information requested on this page may be submitted as a separate spreadsheet attached to the same email as this form. Please ensure your spreadsheet uses the same headings as in the table below, and contains all required information, or see www.nuclearsafety.gc.ca/acr for templates.

If you have a device that contains more than one source:

1. Enter the radiation device information as normal, and fill in the sealed source information for the first source in the device on the same line.
2. On subsequent lines, enter "Same as previous line" in the "Radiation Device Manufacturer and Model" field, then enter the info for the next sealed source in the radiation device.
3. Repeat step 2, until all sealed sources contained in the device have been reported.

Radiation Device		Sealed Source(s) or sealed Source Assemblies contained within the Device					
Manufacturer & Model	Serial Number	Manufacturer	Model	Serial Number	Nuclear Substance	Current Activity †	Activity Units

† If the Current Activity is not known, but is known for a date in the past, use the decay calculator located at http://www.radprocalculator.com/Decay.aspx to determine the Current Activity

Comments

Transfer and Worker Qualifications

Please attest and certify the following statements by an "√".

☑ I confirm that any and all transfers of nuclear substances and/or radiation devices during the reporting period were done in accordance with regulatory requirements.

☑ I confirm that all authorized workers are trained to conduct licensed activities and that training is provided in accordance with referenced policies and procedures.

Comments

Ascertainment of Doses: Whole Body

Provide a summary of the annual effective whole body radiation doses received by Nuclear Energy Workers (NEWs) and non-NEWs during the year ending December 31st. Provide the information in detail, as shown below.

NOTE: Please do NOT send personal information, such as social insurance numbers, etc. to CNSC.

	Number of Workers in each effective dose category (mSv)							Dosimetry Service Provider ††	Maximum individual dose (mSv)
	BDL †	> BDL † and ≤ 0.5	> 0.5 and ≤ 1	> 1 and ≤ 5	> 5 and ≤ 20	> 20 and ≤ 50	> 50		
Number of NEWs	1	8	2	1	1		0	Landauer Inc	5.33
Number of Non-NEWs	0	0	0	0	0	0	0	N/A	0

† BDL = Below Detectable Limits for the dosimeter being used.

†† Enter the name of the dosimetry service provider. If a dosimetry service provider is not used, enter "ESTIMATED" and provide brief details on how dose estimates were derived in the comments area below.

Comments

All monitored under this licence are NEW Service technicians. Doses also include service work conducted outside of Canada and under two other licenses (NSPFL-14.00/2029 & 14127-3-28.0).

NOTE (ver1): Doses distribution and maximum individual dose are based on the current doses in the NDR. A request has been submitted to the CNSC to correct two personnel doses in 2019. Please see next page (ver 2).

Ascertainment of Doses: Whole Body

Provide a summary of the annual effective whole body radiation doses received by Nuclear Energy Workers (NEWs) and non-NEWs during the year ending December 31st. Provide the information in detail, as shown below.

NOTE: Please do NOT send personal information, such as social insurance numbers, etc. to CNSC.

	Number of Workers in each effective dose category (mSv)							Dosimetry Service Provider ††	Maximum individual dose (mSv)
	BDL †	> BDL † and ≤ 0.5	> 0.5 and ≤ 1	> 1 and ≤ 5	> 5 and ≤ 20	> 20 and ≤ 50	> 50		
Number of NEWs	1	9	3				0	Landauer Inc	1
Number of Non-NEWs	0	0	0	0	0	0	0	N/A	0

† BDL = Below Detectable Limits for the dosimeter being used.

†† Enter the name of the dosimetry service provider. If a dosimetry service provider is not used, enter "ESTIMATED" and provide brief details on how dose estimates were derived in the comments area below.

Comments

All monitored under this licence are NEW Service technicians. Doses also include service work conducted outside of Canada and under two other licenses (NSPFL-14.00/2029 & 14127-3-28.0).

NOTE (ver2): Doses distribution and maximum individual dose are based on the revised personnel doses awaiting CNSC approval to be updated in the NDR for exposures in 2019.

Ascertainment of Doses – Extremity Doses

If your organization monitors workers for extremity exposures, provide a summary of the extremity doses received by NEWs and non-NEWs during the year ending December 31 st. Provide the information in detail, as shown below.

NOTE: Please do NOT send personal information, such as social insurance numbers, etc. to CNSC.

☐ Check here if your organization has no extremity dose information to submit for the reporting period.

	Number of Workers in each effective dose category (mSv)							Dosimetry Service Provider †	Maximum individual dose (mSv)
	<10	>10 and ≤ 50	> 50 and ≤ 100	> 100 and ≤ 200	> 200 and ≤ 350	> 350 and ≤ 500	> 500		
Number of NEWs	10	1	0	0	0	0	0	Landauer Inc	10
Number of Non-NEWs	0	0	0	0	0	0	0	N/A	0

† Enter the name of the dosimetry service provider. If a dosimetry service provider is not used, enter "ESTIMATED" and provide brief details on how dose estimates were derived in the comments area below.

Comments

All monitored under this licence are NEW Service technicians. Doses also include service work conducted outside of Canada and under two other licenses (NSPFL-14.00/2029 & 14127-8-24.0).

Radiation Protection Program

NOTE: Changes to the Radiation Protection Program must be submitted to the CNSC as the changes are implemented.

Have you made any unreported changes to your Radiation Protection Program during the reporting period?

☐ Yes ☑ No

Incidents and Unusual Occurrences

In accordance with the Nuclear Safety and Control Act and its Regulations, the CNSC must be notified of Reportable Events immediately after they occur. Has the CNSC been notified of all Reportable Events during the reporting period?

☐ Yes ☐ No ☑ N/A - No Incidents

Transport Carriers

List all carriers employed to transport radioactive materials for the purposes of this licence during the reporting period:

Carrier Name	Contact Telephone (ex. 123-456-7890)	Full name of Contact (if available)	Location of Carrier (City, Province)

NOTE: do not list all shipments, list only carriers used to transport packages during the reporting period. If using the same carrier, there should be only one entry in the table.

14127-8 2019 Canadian Servicing Locations

Date	Unit	Site	City
February 6	GC40-0185	CHU de Québec	Sainte Foy, QC
February 14	GC1000-0481	CHU Sainte-Justine	Montreal, QC
March 6	GC1000-0190	Canadian Blood Services	St John, NB
March 7	GC3000-0215	Canadian Blood Services	St John's NF
March 7	GC3000-0004	Canadian Blood Services	Brampton, ON
March 7	GC3000-0471	Canadian Blood Services	Brampton, ON
March 8	GC1000-0296	Canadian Blood Services	Dartmouth, NS
March 8	GC3000-0233	Canadian Blood Services	Dartmouth, NS
March 25	GC3000-0232	Canadian Blood Services	Ottawa, ON
April 6/7	GC1000-0513	University Health Network	Toronto, ON
May 15	GC1000-0294	University Health Network	Toronto, ON
May 21	GC1000-0430	Royal Columbian Hospital	Vancouver, BC
May 21	GC3000-0264	Amgen	Burnaby, BC
May 22	GC1000-0501	Surrey Memorial Hospital	Surrey, BC
June 1	GC3000-0548	Mt Sinai Hospital	Toronto, ON
June 15	GC1000-0199	Mt Sinai Hospital	Toronto, ON
June 27	GC3000-0366	Canadian Blood Services	Calgary, AB
July 4	GC3000-0535	Royal University Hospital	Saskatoon SK
July 4	GC1000-0190	Canadian Blood Services	St John, NB
July 5	GC1000-0239	Canadian Blood Services	Regina, SK
July 9	GC3000-0381	Hopital Maisonneuve - Rosemont	Montreal. QC
July 9	GC3000-0382	CHUM Research Cemtre	Montreal. QC
July 9	GC40-0220	McMaster University	Hamilton ON
July 10	GC1000-0056	Hamilton Health Sciences	Hamilton, ON
July 10	GC3000-0252	McMaster University	Hamilton ON
July 10	GC3000-0466	Montreal Children's Hospital CUSM	Montreal, QC
July 10	GC3000-0386	Hema Quebec	Montreal, QC
July 11	GC3000-0206	Canadian Blood Services	Winnipeg, MB
July 11	GC3000-0012	Canadian Blood Services	Winnipeg, MB
July 11	GC3000-0042	University Health Network	Toronto, ON
July 11	GC3000-0329	University Health Network	Toronto, ON
July 11	GC40-0174	Western University	London, ON
July 16	GC3000-0472	The Hospital for Sick Children	Toronto, ON
July 16	GC3000-0536	BC Children's & Women's Hospital	Vancouver, BC
July 17	GC40-0264	The Hospital For Sick Children	Toronto, ON
July 17	GC3000-0224	Canadian Blood Services	Edmonton, AB
July 18	GC40-0180	University of Calgary	Calgary, AB
July 18	GC40-0091	Mount Sinai Hospital	Toronto, ON
July 19	GC40-0241	University of Toronto	Toronto, ON
July 22	GC3000-0255	Ottawa Heart Inst.	Ottawa, ON
July 23	GC 1000-0475	St Michael’s Hospital	Toronto, ON
July 24	GC1000-0197	University Health Network	Toronto, ON
July 24	GC3000-0091	University Health Network	Toronto, ON
July 25	GC3000-0193	Sunnybrook Health Sciences Center	Toronto, ON
July 29	GC40-0248	University Health Network	Toronto, ON

July 30	GC40-0236	University Health Network	Toronto, ON
August 19	GC3000-0381	Rosemont Hospital	Montreal, QC
August 29	GC1000-0239	Canadian Blood Services	Regina, SK
Sept 30	GC1000-0239	Canadian Blood Services	Regina, SK
Sept 30	GC220-0107	University of British Columbia	Vancouver, BC
October 7	GC220-233R	Canadian Science Centre	Winnipeg, MB
October 11	GC3000-0471	Canadian Blood Services	Brampton, ON
October 17	GC3000-0004	Canadian Blood Services	Brampton, ON
October 21	GC3000-0004	Canadian Blood Services	Brampton, ON
October 22/23	GC220-0203R	Univ of Western	London, ON
November 27	GC1000-0189	Hema-Quebec	Quebec City, QC
December 17	GC1000-0265	Canadian Blood Services	Vancouver, BC
December 18	GC3000-0268	Canadian Blood Services	Vancouver, BC
December 19	GC1000-0467	Abbotsford Regional Hospital	Vancouver, BC