

Directorate of Nuclear Substance Regulation

February 29, 2016

Licence No. 12953-1-21.0

Scott Cook  
Advanced Gauging Technologies, L.L.C.  
8430 Estates Court  
Plain City, OH  
43064-8015

**Subject: Nuclear Substance and Radiation Device Licence No. 12953-1-21.0**

Dear Licensee:

As requested, please find enclosed Nuclear Substance and Radiation Device Licence No. 12953-1-21.0, issued pursuant to section 24 of the *Nuclear Safety and Control Act*. The information submitted meets the regulatory requirements, policies and guidance of the Canadian Nuclear Safety Commission (CNSC).

Also enclosed is a list of relevant CNSC documents that are available in paper copy or in electronic form. The instructions on how to obtain a copy of these documents are indicated on the list.

The format for all licences is comprised of a main body and appendices attached to the licence. All appendices, attachments and documents referenced in the licence form part of the licence and therefore become requirements for the facility and are classified as prescribed information.

The licence sections are entitled:

- I LICENCE NUMBER
  - II LICENSEE
  - III LICENCE PERIOD
  - IV LICENSED ACTIVITIES
  - V CONDITIONS
- Appendices

For security reasons, prescribed information shall be safeguarded pursuant to sections 21 to 23 of the

*General Nuclear Safety and Control Regulations*. The new licence format allows the licensee to post a copy of the main body of the licence (sections I through V), excluding the appendices, pursuant to sub-section 14(1) of the *General Nuclear Safety and Control Regulations*.

If you have any questions about the licence, please do not hesitate to contact us:

- For licence fee matters, contact Cost Recovery at 1 (888) 229-2672.
- For administrative matters, contact a Licensing Administrator at 1 (888) 229-2672.
- For technical matters, contact a Licensing Specialist at 1 (888) 229-2672.

Yours sincerely,

P.J. Fundarek  
Director  
Nuclear Substances and Radiation Devices Licensing Division

Enclosures

**I) LICENCE NUMBER:** 12953-1-21.0

**II) LICENSEE**

Pursuant to section 24 of the Nuclear Safety and Control Act, this licence is issued to:

Advanced Gauging Technologies, L.L.C.

8430 Estates Court  
Plain City, OH  
43064-8015  
U.S.A.

Corporate No.: 975415 (Ohio)

**III) LICENCE PERIOD**

This licence is valid from: March 1, 2016 to February 28, 2021 unless otherwise suspended, amended, revoked or replaced.

**IV) LICENSED ACTIVITIES**

This licence authorizes the licensee to:

- (a) service the prescribed equipment listed in the Appendix: Nuclear Substances and Radiation Devices of this licence.
- (b) conduct licensed activities in the location(s) specified in the Appendix: Locations of Licensed Activities of this licence.

This licence is issued for: servicing, installation and dismantling of devices - basic servicing (822).

**V) CONDITIONS**

The contents of the appendices attached to this licence form part of the licence.

1. Installation/Service Approval

The licensee shall ensure that the servicing of radiation devices is performed by qualified persons in accordance with written procedures submitted to the Commission or a person authorized by the Commission.  
(2022-4)

2. Location Notification

The licensee shall, for any site where licensed activities are to be conducted for more than 90 consecutive days, notify the Commission in writing of the site within 7 days of starting to conduct the activities at the site. The licensee shall notify the Commission in writing within 7 days of the discontinuance of licensed activities at any site. The continuity of consecutive days is not broken during off site use or off site temporary storage.  
(2300-2)

3. Survey Meter Requirements

The licensee shall provide at all times where nuclear substances, except for Hydrogen-3 and Nickel-63, are handled or stored a radiation survey meter.

(2058-1)

4. Storage

The licensee shall:

- (a) ensure that when in storage radioactive nuclear substances or radiation devices are accessible only to persons authorized by the licensee;
- (b) ensure that the dose rate at any occupied location outside the storage area, room or enclosure resulting from the substances or devices in storage does not exceed 2.5 microSv/h; and
- (c) have measures in place to ensure that the dose limits in the Radiation Protection Regulations are not exceeded as a result of the substances or devices in storage.

(2575-2)

5. Operation Notification

Upon request from the Commission or a person authorized by the Commission the licensee shall notify the Commission in advance of the time, date and location of each job site.

(2524-0)

6. Servicing Records

Records of all servicing operations involving a nuclear substance shall be maintained by the licensee and forwarded, on request of the Commission or a person authorized by the Commission, to the Commission. These records shall include the following:

- (a) the name and address of the client;
- (b) the CNSC licence number of the client;
- (c) the make, model and serial number of the serviced device;
- (d) the name, quantity and form of the nuclear substance contained in the serviced device; and
- (e) the date of servicing.

(2061-2)

7. Annual Compliance Report

The licensee shall, by December 31 of each year, submit to the Commission a written annual compliance report in the form specified at [www.nuclearsafety.gc.ca/acr](http://www.nuclearsafety.gc.ca/acr).

(2912-3)

8. Operation Limitations

Subject to any other condition of this licence and unless otherwise permitted by the prior written approval of the Commission or a person authorized by the Commission, the licensee shall carry out the licensed activities in accordance with the documents or parts thereof referred to in the Appendix: Licence Document(s).

(2917-7)

9. Agent For Service

The licensee shall at all times retain an agent for service in Canada and shall immediately inform the Commission of any change in the agent or the agent's address. The agent shall be:

- an individual, 18 years of age or older who is resident in Canada; or

- a corporation having its head office or registered office in Canada.  
(2999-0)

10. Inaccuracies Notification

The licensee shall report to the Commission or a person authorized by the Commission, as soon as is practicable, the discovery of any inaccuracy or incompleteness in the documents referred to in the Appendix: Licence Document(s).  
(2920-6)

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Designated Officer pursuant to paragraph 37(2)(c) of the Nuclear  
Safety and Control Act

**Appendix: Nuclear Substances and Radiation Devices**

**Advanced Gauging Technologies, L.L.C.**

**Radiation Devices**

<b>Equipment Make and Model</b>	<b>Sealed Source Assembly</b>	<b>Nuclear Substance</b>	<b>Maximum Quantity per Radiation Device</b>
Advanced Gauging Technologies AGT 400	n/a	Americium 241	40.7 GBq
Data Measurement Corp. AM-3E	n/a	Americium 241	111 GBq
Data Measurement Corp. AM-5/AM-5A	n/a	Americium 241	37 GBq
Gamma Instruments GR 100	BEBIG GmbH AM1.G44	Americium 241	37 GBq
Harshaw / Filtrol P/L 8600	n/a	Americium 241	3700 MBq
Loral 5310	n/a	Americium 241	37 GBq
Radiometrie 5310	n/a	Americium 241	37 GBq
Weston Controls 5310	n/a	Americium 241	37 GBq
<b>end of appendix</b>			

**Appendix:      Location(s) of Licensed Activities**

**Advanced Gauging Technologies, L.L.C.**

Throughout Canada

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**end of appendix**

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**Appendix:      Licence Document(s)**

**LICENCE DOCUMENTS**

- [A1]            Radiation Safety Policies and Procedures; 2016-02-16. CNSC Document Number 4944807
- [A2]            Radiation Source Field Service Procedures (Canada); 2016-02-16. CNSC Document Number 4944807

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**end of appendix**

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