

Natural Resources Canada  
Fees Report  
Fiscal year 2022–2023

---

The Honourable Jonathan Wilkinson, P.C., M.P.  
Minister of Energy and Natural Resources

© His Majesty the King in Right of Canada, represented by the Minister of Energy and Natural Resources, 2023

Catalogue No. M2-21E-PDF

ISSN 2562-1300

This document is available on the Government of Canada website at [www.canada.ca](http://www.canada.ca).

This document is available in alternative formats upon request.

---

## Table of contents

Minister’s message.....	5
About this report.....	7
Remissions.....	8
Overall totals, by fee-setting mechanism.....	8
Totals, by fee grouping, for fees set by act, regulation or fees notice.....	8
Details on each fee set by act, regulation or fees notice .....	9
Endnotes .....	37



## Minister's message

On behalf of Natural Resources Canada, I am pleased to present our report on fees for fiscal year 2022-23, my organization's sixth annual report under the *Service Fees Act*.

This year's report outlines the department's progress in modernizing fee management in accordance with the *Act*.

The *Service Fees Act* provides a modern legislative framework that ensures cost-effective delivery of services and, through better reporting to Parliament, improves transparency and oversight. It also enables us to provide services that support our resource sectors doing business in Canada to the benefit our people, communities, and the environment.

Natural Resources Canada does this through fees that are set by contract or regulations, as required by legislation or to support delivering on the department's mandate. The sources of the fees include explosive licence and inspection, air photo, forest services products, non-destructive testing certification body services, certified reference material project products and fees set by individual contract.

This fiscal report details those charges for the past year. It provides specifics on each of the fees under the department's authority, including the type and rate of adjustment, the service standard, and the performance result. It also includes information on the fee remissions made in accordance with the department's remissions policy.

I invite you to review this year's report, which further advances our key objective of open and transparent fee management.

The Honourable Jonathan Wilkinson, PC, MP.  
Minister of Energy and Natural Resources





## About this report

This report, which is tabled under section 20 of the *Service Fees Act*, the *Low-Materiality Fees Regulation*<sup>i</sup>, and subsection 4.2.8 of the Treasury Board *Directive on Charging and Special Financial Authorities*<sup>iii</sup>, contains information about the fees Natural Resources Canada had the authority to set in fiscal year 2022–23.

The report covers fees that are subject to the *Service Fees Act* and exempted from the *Service Fees Act*.

For reporting purposes, fees are categorized by fee-setting mechanism. There are three mechanisms:

1. Act, regulation or fees notice  
The authority to set these fees is delegated to a department, minister or Governor in Council pursuant to an act of Parliament.
2. Contract  
Ministers have the inherent authority to enter into contracts, which are usually negotiated between the minister and an individual or organization, and which cover fees and other terms and conditions. In some cases, that authority may also be provided by an act of Parliament.
3. Market rate or auction  
The authority to set these fees is pursuant to an act of Parliament or a regulation, and the minister, department or Governor in Council has no control over the fee amount.

For fees set by act, regulation or fees notice, the report provides totals for fee groupings, as well as detailed information for each fee. For fees set by contract, the report provides totals only.

Although the fees Natural Resources Canada charges under the *Access to Information Act* were subject to the *Service Fees Act*, they are not included in this report. Information on Natural Resources Canada's access to information fees for 2022–23 is in our [Annual report to Parliament on the administration of the \*Access to Information Act\*](#)<sup>iv</sup>.

## Remissions

In 2022–23, Natural Resources Canada was subject to the requirements to issue remissions under section 7 of the *Service Fees Act* and subsection 4.2.4 of the Treasury Board *Directive on Charging and Special Financial Authorities* to remit a fee, in whole or in part, to a fee payer when a service standard was not met. Natural Resources Canada’s remission policy and procedures, pursuant to the *Service Fees Act*, are on the following web page: [Fees and Service Standards](#)<sup>v</sup>.

The other sections of this report provide detailed amounts for Natural Resources Canada’s remissions for 2022–23.

## Overall totals, by fee-setting mechanism

The following table presents the total revenue, cost and remissions for all fees Natural Resources Canada had the authority to set in 2022–23, by fee-setting mechanism.

### Overall totals for 2022–23, by fee-setting mechanism

Fee-setting mechanism	Revenue (\$)	Cost (\$)	Remissions (\$)
<b>Fees set by contract</b>	14,786,562.94	15,579,852.31	Remissions do not apply to fees set by contract.
<b>Fees set by act, regulation or fees notice</b>	5,439,708.38	7,569,379.13	580.00
<b>Total</b>	<b>20,226,271.32</b>	<b>23,149,231.44</b>	<b>580.00</b>

## Totals, by fee grouping, for fees set by act, regulation or fees notice

A fee grouping is a set of fees relating to a single business line, directorate or program that a department had the authority to set for those activities.

This section presents, for each fee grouping, the total revenue, cost and remissions for all fees Natural Resources Canada had the authority to set in 2022–23 that are set by the following:

- act
- regulation
- fees notice



**Explosives licence and inspection fees: totals for 2022–23**

Revenue (\$)	Cost (\$)	Remissions (\$)
2,019,271.87	3,368,717.21	580.00

**National Air Photo Library – Air Photo products fees: totals for 2022–23**

Revenue (\$)	Cost (\$)	Remissions (\$)
414,435.14	339,886.09	These fees were not subject to remissions.

**Forest Services Products Fees: totals for 2022–23**

Revenue (\$)	Cost (\$)	Remissions (\$)
20,223.74	20,223.74	These fees were not subject to remissions.

**Non-Destructive Testing Certification Body Services fees: totals for 2022–23**

Revenue (\$)	Cost (\$)	Remissions (\$)
1,936,747.63	2,629,075.60	These fees were not subject to remissions.

**Certified Reference Materials Program (CRMP) Products fees: totals for 2022–23**

Revenue (\$)	Cost (\$)	Remissions (\$)
1,049,030.00	1,211,476.49	These fees were not subject to remissions.

## Details on each fee set by act, regulation or fees notice

This section provides detailed information on each fee Natural Resources Canada had the authority to set in 2022–23 and that was set by the following:

- act
- regulation
- fees notice

**Fee grouping**

Explosives licence and inspection fees

**Fee**

- Authorization for an indefinite period

- Authorization for a specified period for use other than at a special event, tour, or international competition
- Authorization for a specified period for use at a special event, tour, or international competition
- Single use permit
- Annual permit
- Initial division 1 factory licence to manufacture blasting or military explosives
- Renewal of a division 1 factory licence to manufacture blasting or military explosives
- Division 1 factory licence to manufacture any other explosives, and any other factory licence
- Vendor magazine licence to store high explosives or initiation systems
- Vendor magazine licence to store any other explosives – retail
- Vendor magazine licence to store any other explosives – distribution
- Vendor magazine licence to store any other explosives - re-packaging
- User magazine licence to store high explosives or initiation systems, other than high explosives and initiation systems stored by law enforcement agencies
- User magazine zone licence to store high explosives or initiation systems
- User magazine licence to store any other explosives, other than explosives stored by law enforcement agencies
- Certificate to manufacture blasting explosives
- Certificate to mechanically blend ammonium nitrate and fuel oil for immediate use at a blast site
- Any other manufacturing certificate
- Initial certificate
- Modification to or change of certificate
- Renewal of certificate

### **Fee-setting authority**

- [\*Explosives Act\*<sup>vi</sup>](#)
- [\*Explosives Regulations, 2013 \(SOR/2013-211\)\*<sup>vii</sup>](#)

### **Year fee-setting authority was introduced**

1950

### **Last year fee-setting authority was amended**

2018

### **Service standard**

Decisions on applications for authorization will be made within 40 business days of receipt of the complete documentation in compliance with the requirements of the Explosives Regulations, 2013. Initial applications for a new licence, permit or certificate, with the exception of factory applications, will be processed within 30 business days of

receipt of completed documentation. Initial factory applications for high explosives will be completed within 60 business days of receipt of completed documentation. Renewals of all licences and permits will be processed within 30 business days of a completed request.

### **Performance result**

Turnaround times for all applications were met except for two division 1 factory licence renewals (30 day service standard), one initial application for a vendor magazine licence to store any other explosives – repackaging (30 day service standard) and one renewal for a user magazine licence to store high explosives (30 day service standard) that resulted in remissions as indicated in the table below.

### **Application of *Low-Materiality Fees Regulations***

- Low-materiality (\$51–\$151):
  - Vendor magazine licence to store any other explosives – retail
  - User magazine licence to store any other explosives, other than explosives stored by law enforcement agencies
  - Any other manufacturing certificate
  - Modification to or change of certificate
  - Renewal of certificate
- Material (>\$151):
  - Authorization for a specified period for use other than at a special event, tour, or international competition
  - Single use permit
  - Vendor magazine licence to store any other explosives – distribution
  - Vendor magazine licence to store any other explosives - re-packaging
  - Certificate to mechanically blend ammonium nitrate and fuel oil for immediate use at a blast site
  - Initial certificate
- Material (formula):
  - Authorization for an indefinite period
  - Authorization for a specified period for use at a special event, tour, or international competition
  - Annual permit
  - Initial division 1 factory licence to manufacture blasting or military explosives
  - Renewal of a division 1 factory licence to manufacture blasting or military explosives
  - Division 1 factory licence to manufacture any other explosives, and any other factory licence
  - Vendor magazine licence to store high explosives or initiation systems
  - User magazine licence to store high explosives or initiation systems, other than high explosives and initiation systems stored by law enforcement agencies
  - User magazine zone licence to store high explosives or initiation systems

- Certificate to manufacture blasting explosives

Fee	2022–23 fee amount (\$)	2022–23 total fee revenue (\$)	2022–23 total remissions issued for the fee (\$)	Fee adjustment date in 2024–25	2024–25 fee amount (\$)
Authorization for an indefinite period	<p>12.91 per year per explosive;</p> <p>134.47 Min - 2,689.32 Max plus</p> <p>a) 4.30 per year for each explosive or group of articles of same design and construction manufactured in Canada</p> <p>134.47 Min - 1,344.66 Max</p> <p>b) 16.14 per year for each explosive or group of articles of same design and construction manufactured outside of Canada</p> <p>134.47 Min - 2,689.32 Max</p>	194,461.22	0.00	April 1, 2024	<p>14.39 per year per explosive;</p> <p>149.93 Min - 2,998.57 Max plus</p> <p>a) 4.80 per year for each explosive or group of articles of same design and construction manufactured in Canada</p> <p>149.93 Min - 1,499.28 Max</p> <p>b) 17.99 per year for each explosive or group of articles of same design and construction manufactured outside of Canada</p> <p>149.93 Min - 2,998.57 Max</p>
Authorization for a specified period, for use other than at a special event, tour or international competition	161.36	8,642.72	0.00	April 1, 2024	179.91

Authorization for a specified period for use at a special event, tour or international competition	537.86 Min - 2,689.32 Max	12,964.08	0.00	April 1, 2024	599.71 Min - 2,998.57 Max
Single use permit	172.12	33,866.08	0.00	April 1, 2024	191.91
Annual permit	21.51 per 1,000Kg Net Explosive Quantity;  172.12 Min - 1,398.45 Max	62,894.16	0.00	April 1, 2024	23.99 per 1,000Kg Net Explosive Quantity;  191.91 Min - 1,559.26 Max
Initial division 1 factory license to manufacture blasting or military explosives	860.58 each process unit,  860.58 each mobile process unit,  18.29 each 1,000kg Net Explosive Quantity,  242.04 per detonator;  3,227.18 Min - 32,271.82 Max	139,705.43	0.00	April 1, 2024	959.54 each process unit,  959.54 each mobile process unit,  20.39 each 1,000kg Net Explosive Quantity,  269.87 per detonator;  3,598.28 Min - 35,982.82 Max
Renewal of a division 1 factory license to manufacture blasting or military explosives	618.54 each process unit,  618.54 each mobile process unit,  18.29 each 1,000 Kg Net Explosive Quantity storage,  242.04 each detonator;  3,227.18 Min - 32,271.82 Max	625,314.86	0,00	April 1, 2024	689.67 each process unit,  689.67 each mobile process unit,  20.39 each 1,000 Kg Net Explosive Quantity storage,  269.87 each detonator;  3,598.28 Min - 35,982.82 Max

Fees Report for 2022–23

Division 1 factory license to manufacture any other explosives, and any other factory license	860.58 each unit, 18.29 each 1,000 Kg Net Explosive Quantity limit increment;  860.58 Min - 3,227.18 Max	508,019.76	416.00	April 1, 2024	959.54 each unit,  20.39 each 1,000 Kg Net Explosive Quantity limit increment;  959.54 Min - 3,598.28 Max
Vendor magazine license to store high explosives or initiation systems	27.97 each 1,000 Kg Net Explosive Quantity of storage limit increment  302.28 each detonator	35,677.13	0.00	April 1, 2024	31.19 each 1,000 Kg Net Explosive Quantity of storage limit increment  337.04 each detonator
Vendor magazine license to store any other explosives - retail	142.80 each retail establishment	80,528.37	This fee was not subject to remissions	April 1, 2024	142.80 each retail establishment
Vendor magazine license to store any other explosives – distribution	376.50 each distributor	40,264.19	0.00	April 1, 2024	419.80 each distributor
Vendor magazine license to store any other explosives - re-packaging	753.01 each re-packaging	13,421.40	91.00	April 1, 2024	839.60 each re-packaging
User magazine license to store high explosives or initiation systems, other than high explosives and initiation systems stored by law	150.60 per magazine,  301.20 Min	1,398.91	73.00	April 1, 2024	167.92 per magazine,  335.84 Min

enforcement agencies					
User magazine zone license to store high explosives or initiation systems	215.15 per magazine, 430.29 Min	975.98	0.00	April 1, 2024	239.89 per magazine, 479.77 Min
User magazine license to store any other explosives, other than explosives stored by law enforcement agencies	71.40	878.39	This fee was not subject to remissions	April 1, 2024	71.40
Certificate to manufacture blasting explosives	215.15 per month, 860.58 Min - 1,721.16 Max	3,334.95	0.00	April 1, 2024	239.89 per month, 959.54 Min - 1,919.08 Max
Certificate to mechanically blend ammonium nitrate and fuel oil for immediate use at a blast site	860.58	15,721.93	0.00	April 1, 2024	959.54
Any other manufacturing certificate	76.50	28,585.32	This fee was not subject to remissions	April 1, 2024	76.50
Initial certificate	161.36	127,570.20	0.00	April 1, 2024	179.91

Modification to or change of certificate	102.00	36,144.89	This fee was not subject to remissions	April 1, 2024	102.00
Renewal of certificate	102.00	48,901.91	This fee was not subject to remissions	April 1, 2024	102.00

## Fee grouping

National Air Photo Library - Air Photo products fees

### Fee

- Contact Prints Monochrome
- Contact Prints Monochrome (+15 consecutive images/roll)
- Contact Prints Monochrome (70mm negative)
- Laser copies Monochrome
- Laser copies Colour
- Contact Print Enlargements Monochrome 25cm (10")
- Contact Print Enlargements Monochrome 38cm (15")
- Contact Print Enlargements Monochrome 50cm (20")
- Contact Print Enlargements Monochrome 76cm (30")
- Contact Print Enlargements Monochrome 101cm (40")
- Contact Print Enlargements Monochrome 101cm x 152cm (40" x 60")
- Laser Copy Enlargements Monochrome
- Laser Copy Enlargements Colour
- Custom Mosaics Monochrome
- Digital Imagery Monochrome 300 dpi (1 to 10 images)
- Digital Imagery Monochrome 300 dpi (11+ images)
- Digital Imagery Monochrome 600, 800, 1200 dpi (1 to 10 images)
- Digital Imagery Monochrome 600, 800, 1200 dpi (11+ images)
- Digital Imagery Colour 300 dpi (1 to 10 images)
- Digital Imagery Colour 300 dpi (11+ images)
- Digital Imagery Colour 600, 800, 1200 dpi (1 to 10 images)
- Digital Imagery Colour 600, 800, 1200 dpi (11+ images)
- Scanned images from original negatives 2032 dpi (1 to 10 images)
- Scanned images from original negatives 2032 dpi (11+ images of the same roll)
- Transparencies Monochrome
- Transparencies Colour
- Transparencies Monochrome (from 70mm negative)
- Diapositives
- Miscellaneous Products Technical services (per hour)



- Miscellaneous Products Calibration Report
- Miscellaneous Products Priority service (surcharge)
- Miscellaneous Products Letter of certification
- Miscellaneous Products Letter of Copyrights
- Miscellaneous Products Flight-line Index
- Miscellaneous Products Complex Search Fee (per hour)
- Miscellaneous Products Handling charge
- Miscellaneous Products Media charge (CD-ROM/DVD per disc)

**Fee-setting authority**

- Minister's authority
- NRCan fees notice posted on the [National Air Photo Library page](#)<sup>viii</sup>

**Year fee-setting authority was introduced**

1994

**Last year fee-setting authority was amended**

2008

**Service standard**

Not subject to service standard requirement of the *Service Fees Act*.

**Performance result**

Not subject to service standard requirement, pursuant to the *Service Fees Act*.

**Application of *Low-Materiality Fees Regulations***

Not subject to section 17 of the *Service Fees Act*

Fee	2022–23 fee amount (\$)	2022–23 total fee revenue (\$)	2022–23 total remissions issued for the fee (\$)	Fee adjustment date in 2024–25	2024–25 fee amount (\$)
Contact Prints Monochrome	14.99	9,923.00	This fee was not subject to remissions	Not applicable	14.99
Contact Prints Monochrome (+15 consecutive images/roll)	12.00	8,604.00	This fee was not subject to remissions	Not applicable	12.00
Contact Prints Monochrome (70mm negative)	37.50	1,327.00	This fee was not subject to remissions	Not applicable	37.50

Fees Report for 2022–23

Laser copies Monochrome	11.25	124.00	This fee was not subject to remissions	Not applicable	11.25
Laser copies Colour	18.00	0.00	This fee was not subject to remissions	Not applicable	18.00
Contact Print Enlargements Monochrome 25cm (10")	39.00	78.00	This fee was not subject to remissions	Not applicable	39.00
Contact Print Enlargements Monochrome 38cm (15")	49.00	49.00	This fee was not subject to remissions	Not applicable	49.00
Contact Print Enlargements Monochrome 50cm (20")	59.00	177.00	This fee was not subject to remissions	Not applicable	59.00
Contact Print Enlargements Monochrome 76cm (30")	79.00	0.00	This fee was not subject to remissions	Not applicable	79.00
Contact Print Enlargements Monochrome 101cm (40")	110.00	0.00	This fee was not subject to remissions	Not applicable	110.00
Contact Print Enlargements Monochrome 101cm x 152cm (40" x 60")	149.00	0.00	This fee was not subject to remissions	Not applicable	149.00
Laser Copy Enlargements Monochrome	18.00	72.00	This fee was not subject to remissions	Not applicable	18.00
Laser Copy Enlargements Colour	22.95	0.00	This fee was not subject to remissions	Not applicable	22.95
Custom Mosaics Monochrome	69.00 + paper size (see Monochrome Contact Print Enlargement)	0.00	This fee was not subject to remissions	Not applicable	69.00 + paper size (see Monochrome Contact Print Enlargement)
Digital Imagery Monochrome 300 dpi (1 to 10 images)	24.99	7,222.10	This fee was not subject to remissions	Not applicable	24.99
Digital Imagery Monochrome 300 dpi (11+images)	22.49	1,214.46	This fee was not subject to remissions	Not applicable	22.49
Digital Imagery Monochrome 600, 800, 1200	32.49	124,708.48	This fee was not subject to remissions	Not applicable	32.49

dpi (1 to 10 images)					
Digital Imagery Monochrome 600, 800, 1200 dpi (11+ images)	29.99	137,039.30	This fee was not subject to remissions	Not applicable	29.99
Digital Imagery Colour 300 dpi (1 to 10 images)	27.99	0.00	This fee was not subject to remissions	Not applicable	27.99
Digital Imagery Colour 300 dpi (11+ images)	25.49	0.00	This fee was not subject to remissions	Not applicable	25.49
Digital Imagery Colour 600, 800, 1200 dpi (1 to 10 images)	37.49	412.39	This fee was not subject to remissions	Not applicable	37.49
Digital Imagery Colour 600, 800, 1200 dpi (11+ images)	34.99	2,064.41	This fee was not subject to remissions	Not applicable	34.99
Scanned images from original negatives 2032 dpi (1 to 10 images)	37.49	69,557.70	This fee was not subject to remissions	Not applicable	37.49
Scanned images from original negatives 2032 dpi (11+ images of the same roll)	33.75	28,012.50	This fee was not subject to remissions	Not applicable	33.75
Transparencies Monochrome	18.00	0.00	This fee was not subject to remissions	Not applicable	18.00
Transparencies Colour	27.00	0.00	This fee was not subject to remissions	Not applicable	27.00
Transparencies Monochrome (from 70mm negative)	39.50	0.00	This fee was not subject to remissions	Not applicable	39.50
Diapositives	15.50	0.00	This fee was not subject to remissions	Not applicable	15.50
Miscellaneous Products Technical services (per hour)	50.00/h	0.00	This fee was not subject to remissions	Not applicable	50.00/h
Miscellaneous Products Calibration Report	5.75	215.62	This fee was not subject to remissions	Not applicable	5.75

Fees Report for 2022–23

---

Miscellaneous Products Priority service (surcharge)	+50%	20,973.73	This fee was not subject to remissions	Not applicable	+50%
Miscellaneous Products Letter of certification	23.00	1,863.00	This fee was not subject to remissions	Not applicable	23.00
Miscellaneous Products Letter of Copyrights	0.00	0.00	This fee was not subject to remissions	Not applicable	0.00
Miscellaneous Products Flight-line Index	8.00	248.00	This fee was not subject to remissions	Not applicable	8.00
Miscellaneous Products Complex Search Fee (per hour)	50.00/h	0.00	This fee was not subject to remissions	Not applicable	50.00/h
Miscellaneous Products Handling charge	4.95	549.45	This fee was not subject to remissions	Not applicable	4.95
Miscellaneous Products Media charge (CD-ROM/DVD per disc)	7.00	0.00	This fee was not subject to remissions	Not applicable	7.00

## Fee grouping

### Forest Services Products Fees

#### Fee

- Insect - Asian Long Horned Beetle
- Insect - Brown Spruce Long Horned Beetle
- Insect - Cabbage Looper
- Insect - Emerald Ash Borer
- Insect - Spruce Budworm
- Insect - Western Spruce Budworm
- Insect - Whitemarked Tussock Moth
- Prepared Artificial Insect Diet - Addy
- Prepared Artificial Insect Diet - McMorran
- Prepared Artificial Insect - Asian Long-Horned Beetle
- Prepared Artificial Insect Diet - Bell
- Shipping Material
- ¾ oz cup lids
- ¾ oz cups
- 6 oz cup lids
- 6 oz cups

- Courier Charges
- Dry Artificial Insect Diet Ingredients - Addy
- Dry Artificial Insect Diet Ingredients - McMorran
- Dry Artificial Insect Diet Ingredients - Asian Long Horned Beetle
- Dry Artificial Insect Diet Ingredients - Bell

### Fee-setting authority

- Minister's authority
- NRCan fees notice posted on the [Great Lakes Forestry Centre \(Insect Production and Quarantine Laboratories\) page](#)<sup>ix</sup>

### Year fee-setting authority was introduced

1980

### Last year fee-setting authority was amended

Not applicable

### Service standard

Not subject to service standard requirement of the *Service Fees Act*.

### Performance result

Not subject to service standard requirement, pursuant to the *Service Fees Act*.

### Application of *Low-Materiality Fees Regulations*

Not subject to section 17 of the *Service Fees Act*

Fee	2022–23 fee amount (\$)	2022–23 total fee revenue (\$)	2022–23 total remissions issued for the fee (\$)	Fee adjustment date in 2024–25	2024–25 fee amount (\$)
Insect - Asian Long Horned Beetle	5.00 per insect	0.00	This fee was not subject to remissions	Not applicable	5.00 per insect
Insect - Brown Spruce Long Horned Beetle	5.00 per insect	0.00	This fee was not subject to remissions	Not applicable	5.00 per insect
Insect - Cabbage Looper	100.00 per 1,000 insects	4,200.00	This fee was not subject to remissions	Not applicable	100.00 per 1,000 insects
Insect - Emerald Ash Borer	5.00 per insect	0.00	This fee was not subject to remissions	Not applicable	5.00 per insect

Fees Report for 2022–23

Insect - Spruce Budworm	100.00 per 1,000 insects	10,200.00	This fee was not subject to remissions	Not applicable	100.00 per 1,000 insects
Insect - Western Spruce Budworm	100.00 per 1,000 insects	0.00	This fee was not subject to remissions	Not applicable	100.00 per 1,000 insects
Insect - Whitemarked Tussock Moth	100.00 per 1,000 insects	700.00	This fee was not subject to remissions	Not applicable	100.00 per 1,000 insects
Prepared Artificial Insect Diet-Addy	20.00 per Tray	0.00	This fee was not subject to remissions	Not applicable	20.00 per Tray
Prepared Artificial Insect Diet-McMorran	20.00 per Tray	3,360.00	This fee was not subject to remissions	Not applicable	20.00 per Tray
Prepared Artificial Insect-Asian Long-Horned Beetle	20.00 per Tray	0.00	This fee was not subject to remissions	Not applicable	20.00 per Tray
Prepared Artificial Insect Diet-Bell	20.00 per Tray	60.00	This fee was not subject to remissions	Not applicable	20.00 per Tray
Shipping Material	13.00 per order	819.00	This fee was not subject to remissions	Not applicable	13.00 per order
¾ oz cup lids	36.00 per 1,200	36.00	This fee was not subject to remissions	Not applicable	36.00 per 1,200
¾ oz cups	24.00 per 1,200	72.00	This fee was not subject to remissions	Not applicable	24.00 per 1,200
6 oz cup lids	160.00 per 1,000	0.00	This fee was not subject to remissions	Not applicable	160.00 per 1,000
6 oz cups	300.00 per 1,000	0.00	This fee was not subject to remissions	Not applicable	300.00 per 1,000
Courier charges	Per Cost	776.74	This fee was not subject to remissions	Not applicable	Per Cost
Dry Artificial Insect Diet Ingredients-Addy	20.00 per litre	0.00	This fee was not subject to remissions	Not applicable	20.00 per litre
Dry Artificial Insect Diet Ingredients-McMorran	20.00 per litre	0.00	This fee was not subject to remissions	Not applicable	20.00 per litre
Dry Artificial Insect Diet Ingredients-	20.00 per litre	0.00	This fee was not subject to remissions	Not applicable	20.00 per litre

Asian Long-Horned Beetle					
Dry Artificial Insect Diet Ingredients-Bell	20.00 per litre	0.00	This fee was not subject to remissions	Not applicable	20.00 per litre

## Fee grouping

### Non-Destructive Testing Certification Body Services fees

#### Fee

- Replacement of documentation
- Special administration actions (i.e. processing requests for other Certification Bodies, special correspondence, verification and recognition of international credentials/qualifications, etc.)
- Revalidation of Certification: Fee Charged as a Combination of Renewal if applicable and Recertification Fees as Required for Individual Requests
- Special Written Exam Centre (SWEC) request - supplemental fee
- AEC (Authorized Examination Centre) and RTO (Registered Training Organization) application/renewal fees
- NRCAN NDTCB Authorized Examination Center Fee – Level 1 written examination
- NRCAN NDTCB Authorized Examination Center Fee – Level 2 written examination
- NRCAN NDTCB Authorized Examination Center Fee – Level 3 written examination (Basic paper, Written Procedure, Written Procedure Review)
- NRCAN NDTCB Authorized Examination Center Fee – Level 3 basic written (General, EMC Codes and Applications)
- NRCAN NDTCB Authorized Examination Center Fee – RT method radiation safety written examination
- NRCAN NDTCB Authorized Examination Center Fee – Level 2 practical examination for surface method
- NRCAN NDTCB Authorized Examination Center Fee – Level 1 practical examination for volumetric method
- NRCAN NDTCB Authorized Examination Center Fee – Level 2 practical examination for volumetric method
- NDT Application Fee
- NDT Level 1 written examination registration
- NDT Level 1 written examination retest
- NDT Level 2 written examination
- NDT Level 2 written examination retest
- NDT Level 3 written examination
- NDT Level 3 written examination retest

- Written Radiation Safety Exam registration
- NDT Level 1 volumetric method practical examination
- NDT Level 1 volumetric method practical retest
- NDT Level 2 volumetric method practical examination
- NDT Level 2 volumetric method practical examination retest
- NDT Level 2 surface method practical examination
- NDT Level 2 surface method practical examination retest
- Renewal Fee for 1 NDT method
- Renewal Fee for 2 NDT methods
- Renewal Fee for 3 NDT methods
- Renewal Fee for 4 NDT methods
- Renewal Fee for 5 NDT methods
- Renewal Fee for 6 NDT methods
- NDT Renewal Late Fee
- NDT Level 2 surface method recertification examination
- NDT Level 2 surface method recertification examination retest
- NDT Level 3 surface method recertification examination
- NDT Level 3 surface method recertification examination retest practical portion
- NDT Level 3 surface method recertification examination retest written portion
- NDT Level 1 volumetric method recertification examination
- NDT Level 1 volumetric method recertification examination retest
- NDT Level 2 volumetric method recertification examination
- NDT Level 2 volumetric method recertification examination retest
- NDT Level 3 volumetric method recertification examination
- NDT Level 3 volumetric method recertification examination practical portion retest
- NDT Level 3 volumetric method recertification examination written portion retest
- CEDO application for written examination
- CEDO retest for written examination
- CEDO photo card renewal
- 5 year XRF Application
- 1 year XRF Application
- XRF Level 1 exam registration
- XRF Level 1 exam rewrite
- XRF Level 2 exam registration
- XRF Level 2 exam rewrite
- XRF Renewal
- XRF Renewal Late Fee
- XRF Recertification Application
- XRF Level 1 Recertification Registration
- XRF Level 1 recertification examination retest
- XRF Level 2 Recertification Registration
- XRF Level 2 recertification examination retest



**Fee-setting authority**

- Minister's authority
- NRCan fees notice posted on the [National Non-Destructive Testing Certification Body page<sup>x</sup>](#)

**Year fee-setting authority was introduced**

1960

**Last year fee-setting authority was amended**

Not applicable

**Service standard**Not subject to service standard requirement of the *Service Fees Act*.**Performance result**Not subject to service standard requirement, pursuant to the *Service Fees Act*.**Application of *Low-Materiality Fees Regulations***Not subject to section 17 of the *Service Fees Act*

Fee	2022–23 fee amount (\$)	2022–23 total fee revenue (\$)	2022–23 total remissions issued for the fee (\$)	Fee adjustment date in 2024–25	2024–25 fee amount (\$)
Replacement of documentation	90.00	3,240.00	This fee was not subject to remissions	April 1, 2024	105.00
Special administration actions (i.e. processing requests for other Certification Bodies, special correspondence, verification and recognition of international credentials/ qualifications, etc.)	180.00	0.00	This fee was not subject to remissions	April 1, 2024	210.00

Fees Report for 2022–23

Revalidation of Certification: Fee Charged as a Combination of Renewal if applicable and Recertification Fees as Required for Individual Requests	As applicable - Fee Charged as a Combination of Renewal (if applicable) and Recertification Fees as Required for Individual Requests	0.00	This fee was not subject to remissions	April 1, 2024	As applicable - Fee Charged as a Combination of Renewal (if applicable) and Recertification Fees as Required for Individual Requests
Special Written Exam Centre (SWEC) request - supplemental fee	45.00	7,290.00	This fee was not subject to remissions	April 1, 2024	55.00
AEC (Authorized Examination Centre) and RTO (Registered Training Organization) application/renewal fees	Per cost and charge-out. Application cost formula follows same structure that an individual candidate follows for their applicable certification(s) in addition to direct cost recovery for the examiner's technical assessment time.	302.63	This fee was not subject to remissions	April 1, 2024	Per cost and charge-out. Application cost formula follows same structure that an individual candidate follows for their applicable certification(s) in addition to direct cost recovery for the examiner's technical assessment time.
NRCAN NDTCB Authorized Examination Center Fee – NDT Level 1 written examination	55.00	0.00	This fee was not subject to remissions	April 1, 2024	125.00
NRCAN NDTCB Authorized Examination Center Fee – NDT Level 2 written examination	75.00	0.00	This fee was not subject to remissions	April 1, 2024	125.00
NRCAN NDTCB Authorized Examination Center Fee – Level 3 written examination (Basic paper, Written Procedure,	75.00	0.00	This fee was not subject to remissions	April 1, 2024	75.00

Written Procedure Review)					
NRCAN NDTCB Authorized Examination Center Fee – Level 3 basic written (General, EMC Codes and Applications)	110.00	0.00	This fee was not subject to remissions	April 1, 2024	125.00
NRCAN NDTCB Authorized Examination Center Fee – RT method radiation safety written examination	55.00	0.00	This fee was not subject to remissions	April 1, 2024	125.00
NRCAN NDTCB Authorized Examination Center Fee – Level 2 practical examination for surface method	500.00	0.00	This fee was not subject to remissions	April 1, 2024	600.00
NRCAN NDTCB Authorized Examination Center Fee – Level 1 practical examination for volumetric method	250.00	0.00	This fee was not subject to remissions	April 1, 2024	300.00
NRCAN NDTCB Authorized Examination Center Fee – Level 2 practical examination for volumetric method	1,000.00	0.00	This fee was not subject to remissions	April 1, 2024	1,200.00
NDT Application Fee	420.00	838,320.00	This fee was not subject to remissions	April 1, 2024	490.00
NDT Level 1 written examination registration	70.00	47,460.00	This fee was not subject to remissions	April 1, 2024	80.00
NDT Level 1 written examination retest	70.00	11,830.00	This fee was not subject to remissions	April 1, 2024	80.00
NDT Level 2 written examination	90.00	135,720.00	This fee was not	April 1, 2024	105.00

Fees Report for 2022–23

			subject to remissions		
NDT Level 2 written examination retest	90.00	33,840.00	This fee was not subject to remissions	April 1, 2024	105.00
NDT Level 3 written examination	110.00	9,460.00	This fee was not subject to remissions	April 1, 2024	130.00
NDT Level 3 written examination retest	110.00	2,420.00	This fee was not subject to remissions	April 1, 2024	130.00
Written Radiation Safety Exam registration	90.00	2,700.00	This fee was not subject to remissions	April 1, 2024	105.00
NDT Level 1 volumetric method practical examination	190.00	91,200.00	This fee was not subject to remissions	April 1, 2024	220.00
NDT Level 1 volumetric method practical retest	95.00	22,800.00	This fee was not subject to remissions	April 1, 2024	110.00
NDT Level 2 volumetric method practical examination	500.00	61,000.00	This fee was not subject to remissions	April 1, 2024	585.00
NDT Level 2 volumetric method practical examination retest	250.00	15,250.00	This fee was not subject to remissions	April 1, 2024	290.00
NDT Level 2 surface method practical examination	175.00	89,775.00	This fee was not subject to remissions	April 1, 2024	205.00
NDT Level 2 surface method practical examination retest	90.00	22,410.00	This fee was not subject to remissions	April 1, 2024	105.00
Renewal Fee for 1 NDT method	275.00	92,125.00	This fee was not subject to remissions	April 1, 2024	320.00
Renewal Fee for 2 NDT methods	450.00	0.00	This fee was not subject to remissions	April 1, 2024	525.00
Renewal Fee for 3 NDT methods	625.00	0.00	This fee was not subject to remissions	April 1, 2024	730.00

Renewal Fee for 4 NDT methods	800.00	0.00	This fee was not subject to remissions	April 1, 2024	935.00
Renewal Fee for 5 NDT methods	975.00	0.00	This fee was not subject to remissions	April 1, 2024	1,140.00
Renewal Fee for 6 NDT methods	1,150.00	0.00	This fee was not subject to remissions	April 1, 2024	1,340.00
NDT Renewal Late Fee	120.00	0.00	This fee was not subject to remissions	April 1, 2024	140.00
NDT level 2 surface method recertification examination	125.00	59,875.00	This fee was not subject to remissions	April 1, 2024	145.00
NDT level 2 surface method recertification examination retest	90.00	14,940.00	This fee was not subject to remissions	April 1, 2024	105.00
NDT level 3 surface method recertification examination	235.00	6,580.00	This fee was not subject to remissions	April 1, 2024	275.00
NDT level 3 surface method recertification examination retest practical portion	90.00	810.00	This fee was not subject to remissions	April 1, 2024	105.00
NDT level 3 surface method recertification examination retest written portion	110.00	770.00	This fee was not subject to remissions	April 1, 2024	130.00
NDT level 1 volumetric method recertification examination	130.00	41,210.00	This fee was not subject to remissions	April 1, 2024	150.00
NDT level 1 volumetric method recertification examination retest	95.00	10,260.00	This fee was not subject to remissions	April 1, 2024	110.00
NDT level 2 volumetric method recertification examination	285.00	33,060.00	This fee was not subject to remissions	April 1, 2024	335.00
NDT level 2 volumetric method	250.00	8,250.00	This fee was not	April 1, 2024	290.00

Fees Report for 2022–23

recertification examination retest			subject to remissions		
NDT level 3 volumetric method recertification examination	395.00	8,295.00	This fee was not subject to remissions	April 1, 2024	460.00
NDT level 3 volumetric method recertification examination practical portion retest	250.00	1,025.00	This fee was not subject to remissions	April 1, 2024	290.00
NDT level 3 volumetric method recertification examination written portion retest	110.00	990.00	This fee was not subject to remissions	April 1, 2024	130.00
CEDO application for written examination	250.00	35,500.00	This fee was not subject to remissions	April 1, 2024	250.00
CEDO retest for written examination	200.00	6,200.00	This fee was not subject to remissions	April 1, 2024	200.00
CEDO photo card renewal	120.00	2,040.00	This fee was not subject to remissions	April 1, 2024	120.00
5 year XRF Application	140.00	112,980.00	This fee was not subject to remissions	April 1, 2024	165.00
1 year XRF Application	55.00	0.00	This fee was not subject to remissions	April 1, 2024	65.00
XRF Level 1 exam registration	55.00	40,810.00	This fee was not subject to remissions	April 1, 2024	65.00
XRF Level 1 exam rewrite	55.00	13,585.00	This fee was not subject to remissions	April 1, 2024	65.00
XRF Level 2 exam registration	35.00	15,400.00	This fee was not subject to remissions	April 1, 2024	40.00
XRF Level 2 exam rewrite	35.00	3,500.00	This fee was not subject to remissions	April 1, 2024	40.00

XRF Renewal	110.00	22,110.00	This fee was not subject to remissions	April 1, 2024	130.00
XRF Renewal Late Fee	55.00	0.00	This fee was not subject to remissions	April 1, 2024	65.00
XRF Recertification Application	110.00	8,580.00	This fee was not subject to remissions	April 1, 2024	130.00
XRF Level 1 Recertification Registration	55.00	0.00	This fee was not subject to remissions	April 1, 2024	65.00
XRF Level 1 recertification examination retest	55.00	0.00	This fee was not subject to remissions	April 1, 2024	65.00
XRF Level 2 Recertification Registration	35.00	2,730.00	This fee was not subject to remissions	April 1, 2024	40.00
XRF Level 2 recertification examination retest	35.00	105.00	This fee was not subject to remissions	April 1, 2024	40.00

## Fee grouping

Certified Reference Material Project (CRMP) Products fees

### Fee

BH-1; BL-2a; BL-4a; BL-5; CCU-1e; CD-1; CH-4; CLV-1; CLV-2; CPB-3; CT-1; CUAR-1; CUP-1; CUP-2; CZN-4; DH-1a; DL-1a; DS-1; GTS-2a; HCC-1; HV-2a; INM-1; IOC-1; KZK-1; MA-1b; MA-2c; MA-3a; MP-1b; MP-2a; NBM-1; NZA-1C; NZA-2C; NZA-3C; NZA-4C; NZA-5C; NZA-6C; NZA-7C; NZA1-7D; NZA-1D; NZA-2D; NZA-3D; NZA-4D; NZA-5D; NZA-6D; NZA-7D; OKA-1; OKA-2; PTA-1; PTC-1b; REE-1; REE-2; REE-3; RL-1; RTS-3a; RTS-5; SL-1; SU-1b; SY-5; TAN-1; TDB-1; TILL-2; TILL-3; TLG-1; TPO-1; UMT-1; UTS-1; UTS-2; UTS-3; UTS-4; WGB-1; WMG-1a; WMS-1a; WPR-1a

### Fee-setting authority

- Minister's authority
- NRCan fees notice posted on the [Canadian Certified Reference Materials Project page](#)<sup>xi</sup>

**Year fee-setting authority was introduced**

2007

**Last year fee-setting authority was amended**

Not applicable

**Service standard**

The following service standard is not subject to remissions pursuant to the *Service Fees Act*: Dispatch of orders to clients within 5 business days; Hold annual meeting with a Technical Advisory Committee (TAC) to get feedback on CCRMP's activities.

**Performance result**

Orders were dispatched to clients on time over 98% of the time; the next TAC meeting will be held in Fall 2023.

**Application of *Low-Materiality Fees Regulations***

Not subject to section 17 of the *Service Fees Act*

Fee	2022–23 fee amount (\$)	2022–23 total fee revenue (\$)	2022–23 total remissions issued for the fee (\$)	Fee adjustment date in 2024–25	2024–25 fee amount (\$)
BH-1	260.00	1,030.00	This fee was not subject to remissions	April 1, 2024	275.00
BL-2a	260.00	2,600.00	This fee was not subject to remissions	April 1, 2024	275.00
BL-4a	285.00	4,560.00	This fee was not subject to remissions	April 1, 2024	305.00
BL-5	145.00	3,895.00	This fee was not subject to remissions	April 1, 2024	155.00
CCU-1e	610.00	423,280.00	This fee was not subject to remissions	April 1, 2024	650.00
CD-1	280.00	6,540.00	This fee was not subject to remissions	April 1, 2024	300.00
CH-4	410.00	21,640.00	This fee was not subject to remissions	April 1, 2024	435.00
CLV-1	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00



CLV-2	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
CPB-3	290.00	45,650.00	This fee was not subject to remissions	April 1, 2024	310.00
CT-1	260.00	250.00	This fee was not subject to remissions	April 1, 2024	275.00
CUAR-1	690.00	23,580.00	This fee was not subject to remissions	April 1, 2024	735.00
CUP-1	260.00	260.00	This fee was not subject to remissions	April 1, 2024	275.00
CUP-2	295.00	6,490.00	This fee was not subject to remissions	The fee was repealed on January 13, 2023	The fee was repealed on January 13, 2023
CZN-4	395.00	78,845.00	This fee was not subject to remissions	April 1, 2024	420.00
DH-1a	295.00	4,985.00	This fee was not subject to remissions	April 1, 2024	315.00
DL-1a	295.00	295.00	This fee was not subject to remissions	April 1, 2024	315.00
DS-1	680.00	25,600.00	This fee was not subject to remissions	April 1, 2024	725.00
GTS-2a	945.00	3,645.00	This fee was not subject to remissions	April 1, 2024	1,010.00
HCC-1	155.00	760.00	This fee was not subject to remissions	April 1, 2024	165.00
HV-2a	755.00	40,525.00	This fee was not subject to remissions	April 1, 2024	805.00
INM-1	155.00	1,685.00	This fee was not subject to remissions	April 1, 2024	165.00
IOC-1	345.00	19,590.00	This fee was not subject to Remissions	April 1, 2024	370.00
KZK-1	225.00	13,760.00	This fee was not subject to remissions	April 1, 2024	240.00
MA-1b	260.00	4,110.00	This fee was not subject to remissions	April 1, 2024	275.00
MA-2c	505.00	505.00	This fee was not subject to remissions	April 1, 2024	540.00

Fees Report for 2022–23

MA-3a	260.00	750.00	This fee was not subject to remissions	April 1, 2024	275.00
MP-1b	420.00	54,920.00	This fee was not subject to remissions	April 1, 2024	450.00
MP-2a	870.00	14,390.00	This fee was not subject to remissions	April 1, 2024	930.00
NBM-1	290.00	40,035.00	This fee was not subject to remissions	April 1, 2024	310.00
NZA-1C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA-2C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA-3C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA-4C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA-5C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA-6C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA-7C	215.00	0.00	This fee was not subject to remissions	April 1, 2024	230.00
NZA1-7D	2,160.00	4,320.00	This fee was not subject to remissions	April 1, 2024	2,305.00
NZA-1D	355.00	1,035.00	This fee was not subject to remissions	April 1, 2024	380.00
NZA-2D	355.00	2,100.00	This fee was not subject to remissions	April 1, 2024	380.00
NZA-3D	355.00	1,775.00	This fee was not subject to remissions	April 1, 2024	380.00
NZA-4D	355.00	2,100.00	This fee was not subject to remissions	April 1, 2024	380.00
NZA-5D	355.00	1,035.00	This fee was not subject to remissions	April 1, 2024	380.00
NZA-6D	355.00	0.00	This fee was not subject to remissions	April 1, 2024	380.00

NZA-7D	355.00	1,065.00	This fee was not subject to remissions	April 1, 2024	380.00
OKA-1	260.00	1,820.00	This fee was not subject to remissions	April 1, 2024	275.00
OKA-2	190.00	1,330.00	This fee was not subject to remissions	The fee was repealed on October 31, 2022	The fee was repealed on October 31, 2022
PTA-1	495.00	0.00	This fee was not subject to remissions	April 1, 2024	530.00
PTC-1b	500.00	23,375.00	This fee was not subject to remissions	April 1, 2024	535.00
REE-1	520.00	9,605.00	This fee was not subject to remissions	April 1, 2024	555.00
REE-2	465.00	6,430.00	This fee was not subject to remissions	April 1, 2024	495.00
REE-3	450.00	13,810.00	This fee was not subject to remissions	April 1, 2024	480.00
RL-1	145.00	0.00	This fee was not subject to remissions	April 1, 2024	155.00
RTS-3a	315.00	41,955.00	This fee was not subject to remissions	April 1, 2024	335.00
RTS-5	420.00	9,560.00	This fee was not subject to remissions	April 1, 2024	450.00
SL-1	365.00	2,525.00	This fee was not subject to remissions	April 1, 2024	390.00
SU-1b	425.00	21,435.00	This fee was not subject to remissions	April 1, 2024	455.00
SY-5	330.00	21,120.00	This fee was not subject to remissions	April 1, 2024	350.00
TAN-1	260.00	1,820.00	This fee was not subject to remissions	April 1, 2024	275.00
TDB-1	750.00	1,465.00	This fee was not subject to remissions	April 1, 2024	800.00
TILL-2	205.00	4,820.00	This fee was not subject to remissions	April 1, 2024	220.00
TILL-3	205.00	4,020.00	This fee was not subject to remissions	April 1, 2024	220.00

Fees Report for 2022–23

---

TLG-1	260.00	780.00	This fee was not subject to remissions	April 1, 2024	275.00
TPO-1	150.00	2,930.00	This fee was not subject to remissions	April 1, 2024	160.00
UMT-1	685.00	1,370.00	This fee was not subject to remissions	April 1, 2024	730.00
UTS-1	385.00	1,520.00	This fee was not subject to remissions	April 1, 2024	410.00
UTS-2	385.00	385.00	This fee was not subject to remissions	April 1, 2024	410.00
UTS-3	360.00	3,600.00	This fee was not subject to remissions	April 1, 2024	385.00
UTS-4	205.00	810.00	This fee was not subject to remissions	April 1, 2024	220.00
WGB-1	750.00	4,465.00	This fee was not subject to remissions	April 1, 2024	800.00
WMG-1a	1,525.00	0.00	This fee was not subject to remissions	April 1, 2024	1,630.00
WMS-1a	430.00	6,780.00	This fee was not subject to remissions	April 1, 2024	460.00
WPR-1a	1,250.00	3,695.00	This fee was not subject to remissions	April 1, 2024	1,335.00

---

## Endnotes

- <sup>i</sup> *Service Fees Act*, <https://laws-lois.justice.gc.ca/eng/acts/S-8.4/FullText.html>
- <sup>ii</sup> *Low Materiality Fees Regulations*, <https://laws-lois.justice.gc.ca/eng/regulations/SOR-2019-109/index.html>
- <sup>iii</sup> *Directive on Charging and Special Financial Authorities*, <https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32502>
- <sup>iv</sup> Annual Reports to Parliament on the administration of the Access to Information Act and Privacy Act, <https://www.nrcan.gc.ca/nrcan/transparency/access-information-privacy/annual-reports-parliament-administration-access-information-act-and-privacy-act/22675>
- <sup>v</sup> Fees and Service Standards, <https://www.nrcan.gc.ca/explosives/act-regulations/annual-increase-fees/21659>
- <sup>vi</sup> *Explosives Act*, <https://laws-lois.justice.gc.ca/eng/acts/E-17/>
- <sup>vii</sup> *Explosives Regulations, 2013 (SOR/2013-211)*, <https://laws-lois.justice.gc.ca/eng/regulations/SOR-2013-211/index.html>
- <sup>viii</sup> National Air Photo Library page, <https://www.nrcan.gc.ca/maps-tools-and-publications/satellite-imagery-and-air-photos/air-photos/national-air-photo-library/purchasing-aerial-photography/9707>
- <sup>ix</sup> Great Lakes Forestry Centre (Insect Production and Quarantine Laboratories) page, <https://www.nrcan.gc.ca/science-and-data/research-centres-and-labs/forestry-research-centres/great-lakes-forestry-centre/insect-production-and-quarantine-laboratories/13467>
- <sup>x</sup> National Non-Destructive Testing Certification Body page, <https://www.nrcan.gc.ca/science-and-data/non-destructive-testing/22056>
- <sup>xi</sup> Canadian Certified Reference Materials Project page, <https://www.nrcan.gc.ca/our-natural-resources/minerals-mining/certified-reference-materials/price-certificates-list/8001>