



Canadian Nuclear Safety Commission Cost Recovery Fees Schedule Formula & Fixed Fees 2011-12



Canadian Nuclear Safety Commission Cost Recovery Fees Schedule - Formula and Fixed Fees for 2011-2012
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et droits fixes pour 2011-2012

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Fees Schedule, contact:

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1. INTRODUCTION

The fees schedule provided in this document relates to the Canadian Nuclear Safety Commission's (CNSC) Cost Recovery Fees Regulations.

The fees structure reflects the characteristics of the different types of licences issued, the regulations to which they are subject, and the level of effort expended by the CNSC in regulating the licence. The primary focus of the CNSC's fee-setting process and structure is to directly link the fees to be charged to the costs of regulatory activities required for the issuance and maintenance of licences and certificates and to recover the full costs of these activities.

This section outlines the following:

- Fees based on formulas for other licences
- Fixed fees for certificates and transportation licenses

2. FEES BASED ON FORMULAS

Other licences include:

- Class II Nuclear Facilities
- Dosimetry Services
- Nuclear Substances and radiation devices, except with respect to waste nuclear substance activities

The structure for other licences sets fees on a standard basis across all licences of that type. The generic structure of the fee formula uses a series of components that are multiplied to calculate an applicable fee.

$$\text{Fees} = [\text{base hours} + (\text{variable hours per unit} \times \text{number of units})] \times \text{hourly rate} \times \text{compliance coefficient}$$

Detailed fees schedules are indicated in the following pages.

CNSC 2011-2012 Cost Recovery Fees Schedule

Class II Nuclear Facilities Hourly rate = \$250
Compliance Coefficient = 1

1. RESEARCH PARTICLE ACCELERATOR
 Linacs and electrostatic accelerators <10MV

Use Type =	518		519		520	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	53	10	87	47	45	
Fees Payable for 2011-2012						
Total Minimum =	\$13,250	\$2,500	\$21,750	\$11,750	\$11,250	
Total Maximum =	\$13,250	\$2,500	\$21,750	\$11,750	\$11,250	

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

2. RESEARCH PARTICLE ACCELERATOR
 PET cyclotrons

Use Type =	515		516		517	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	40	10	87	47	45	
Fees Payable for 2011-2012						
Total Minimum =	\$10,000	\$2,500	\$21,750	\$11,750	\$11,250	
Total Maximum =	\$10,000	\$2,500	\$21,750	\$11,750	\$11,250	

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

3.a) NEUTRON GENERATOR - GEOPHYSICAL LOGGING ACCELERATOR

Use Type =	504	
	Commissioning & Operating	
	Initial	Annual
	Application Fee	Licence Fee
Base hours =	6	2
Hours per Location =	4	4
Fees Payable for 2011-2012		
Total Minimum =	\$2,500	\$1,500
Total Maximum =	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

3.b) NEUTRON GENERATOR - INDUSTRIAL APPLICATIONS

Use Type =	506		507		508	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	40	8	8	18.5	15	
Hours per Location =	1		2	1		
Fees Payable for 2011-2012						
Total Minimum =	\$10,250	\$2,000	\$2,500	\$4,875	\$3,750	
Total Maximum =	unlimited	\$2,000	unlimited	unlimited	\$3,750	

All Formulas = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

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4.a) MEDICAL PARTICLE ACCELERATOR						
Use Type =	521		522		523	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	40	10	81	32	30	
Hours per Bunker =	3		6	6		
Fees Payable for 2011-2012						
Total Minimum =	\$10,000	\$2,500	\$20,250	\$8,000	\$7,500	
Total Maximum =	unlimited	\$2,500	unlimited	unlimited	\$7,500	
Formulas for Construction Issue & Decommissioning Assessment = (Base hours)*\$Hrly*Compliance coefficient						
Remaining Formulas = [(Base hours)+(Scaled Hours per Bunker*No of Bunkers)]*\$Hrly*Compliance coefficient						

4.b) CONSOLIDATED MEDICAL PARTICLE ACCELERATOR WITH SERVICING			
Use Type =	524		
	Commissioning & Operating		
	Initial	Annual	
	Application Fee	Licence Fee	
Base hours =		8	134
Hours per Bunker =		1	7
Fees Payable for 2011-2012			
Total Minimum =		\$2,250	\$35,250
Total Maximum =		unlimited	unlimited
Formulas for Construction Issue & Decommissioning Assessment = (Base hours)*\$Hrly*Compliance coefficient			
Remaining Formulas = [(Base hours)+(Scaled Hours per Bunker*No of Bunkers)]*\$Hrly*Compliance coefficient			

4.c) CONSOLIDATED MEDICAL PARTICLE ACCELERATOR WITHOUT SERVICING			
Use Type =	525		
	Commissioning & Operating		
	Initial	Annual	
	Application Fee	Licence Fee	
Base hours =		8	88
Hours per Bunker =		1	6
Fees Payable for 2011-2012			
Total Minimum =		\$2,250	\$23,500
Total Maximum =		unlimited	unlimited
Formulas for Construction Issue & Decommissioning Assessment = (Base hours)*\$Hrly*Compliance coefficient			
Remaining Formulas = [(Base hours)+(Scaled Hours per Bunker*No of Bunkers)]*\$Hrly*Compliance coefficient			

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5. POOL-TYPE IRRADIATOR FACILITY						
Use Type =	537		538		539	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	70	10	92	25	78	
Fees Payable for 2011-2012						
Total Minimum =	\$17,500	\$2,500	\$23,000	\$6,250	\$19,500	
Total Maximum =	\$17,500	\$2,500	\$23,000	\$6,250	\$19,500	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

6. CALIBRATION IRRADIATOR FACILITY						
Use Type =	531		532		533	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	30	10	67	47	23	
Fees Payable for 2011-2012						
Total Minimum =	\$7,500	\$2,500	\$16,750	\$11,750	\$5,750	
Total Maximum =	\$7,500	\$2,500	\$16,750	\$11,750	\$5,750	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

7. IRRADIATOR FACILITY - OTHER						
Use Type =	534		535		536	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	30	10	63	47	18	
Fees Payable for 2011-2012						
Total Minimum =	\$7,500	\$2,500	\$15,750	\$11,750	\$4,500	
Total Maximum =	\$7,500	\$2,500	\$15,750	\$11,750	\$4,500	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

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8. RADIOACTIVE SOURCE TELETHERAPY MACHINE						
Use Type =	541; 560		542; 561		543; 562	
	Construction		Commissioning & Operating		Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	38	10	63	32	23	
Hours per Bunker =	3		6	6		
Fees Payable for 2011-2012						
Total Minimum =	\$10,250	\$2,500	\$17,250	\$9,500	\$5,750	
Total Maximum =	unlimited	\$2,500	unlimited	unlimited	\$5,750	
Formulas for Construction Issue = (Base hours)*\$Hrly*Compliance coefficient						
Remaining Formulas = [(Base hours)+(Hours per Bunker*No of Bunkers)]*\$Hrly*Compliance coefficient						

9. BRACHYTHERAPY FACILITY - HDR/LDR REMOTE AFTER LOADER				
Use Type =	551; 554		552; 555	
	Construction		Commissioning & Operating	
	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =	23	10	51	32
Hours per Bunker =	3		6	6
Fees Payable for 2011-2012				
Total Minimum =	\$6,500	\$2,500	\$14,250	\$9,500
Total Maximum =	unlimited	\$2,500	unlimited	unlimited
Formulas for Construction Issue = (Base hours)*\$Hrly*Compliance coefficient				
Remaining Formulas = [(Base hours)+(Scaled Hours per Bunker*No of Bunkers)]*\$Hrly*Compliance coefficient				

10. BRACHYTHERAPY FACILITY - ALL OTHER REMOTE AFTERLOADERS			
Use Type =	558		
	Commissioning & Operating		
	Initial	Annual	
	Application Fee	Licence Fee	
Base hours =		12	11
Fees Payable for 2011-2012			
Total Minimum =		\$3,000	\$2,750
Total Maximum =		\$3,000	\$2,750
Remaining Formulas = (Base hours)*\$Hrly*Compliance coefficient			

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11.a) SERVICING OF CLASS II PRESCRIBED EQUIPMENT

Use Type =

**565; 566
Operating**

	Initial	Annual
	Application Fee	Licence Fee

Base hours =	30	47
Hours per Class II equipment type =	1	1

Fees Payable for 2011-2012

Total Minimum =	\$7,750	\$12,000
Total Maximum =	unlimited	unlimited

All Formulas = [Base hours+(Hours per type of Class II Equipment * # of types of Class II equipment)]*\$Hrly*Compliance coefficient

11.b) DEVELOPMENT AND TESTING OF CLASS II PRESCRIBED EQUIPMENT

Use Type =

**567
Operating**

	Initial	Annual
	Application Fee	Licence Fee

Base hours =	40	40
Hours per Class II equipment type =	1	1

Fees Payable for 2011-2012

Total Minimum =	\$10,250	\$10,250
Total Maximum =	unlimited	unlimited

All Formulas = [Base hours+(Hours per type of Class II Equipment * # of types of Class II equipment)]*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

Dosimetry Services	Hourly Rate = \$250
	Compliance Coefficient = 1

12. COMMERCIAL DOSIMETRY SERVICES				
External Radiation				
(Use Type 591)				
	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	45.00	\$11,250	16.50	\$4,125
Total Minimum =	45.00	\$11,250	16.50	\$4,125
Total Maximum =	45.00	\$11,250	16.50	\$4,125
All Formulas = (Base hours)*\$Hrly*Compliance coefficient				

13. COMMERCIAL DOSIMETRY SERVICES				
Internal Radiation				
(Use Type 592)				
	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	45.00	\$11,250	16.50	\$4,125
Total Minimum =	45.00	\$11,250	16.50	\$4,125
Total Maximum =	45.00	\$11,250	16.50	\$4,125
All Formulas = (Base hours)*\$Hrly*Compliance coefficient				

14. COMMERCIAL DOSIMETRY SERVICES				
Radon Progeny				
(Use Type 593)				
	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	45.00	\$11,250	16.50	\$4,125
Total Minimum =	45.00	\$11,250	16.50	\$4,125
Total Maximum =	45.00	\$11,250	16.50	\$4,125
All Formulas = (Base hours)*\$Hrly*Compliance coefficient				

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15. COMMERCIAL DOSIMETRY SERVICES

Consolidated
(Use Type 594)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	52.50	\$13,125	22.50	\$5,625
Total Minimum =	52.50	\$13,125	22.50	\$5,625
Total Maximum =	52.50	\$13,125	22.50	\$5,625

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

16. IN-HOUSE DOSIMETRY SERVICES

External Radiation
(Use Type 595)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	45.00	\$11,250	16.50	\$4,125
Total Minimum =	45.00	\$11,250	16.50	\$4,125
Total Maximum =	45.00	\$11,250	16.50	\$4,125

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

17. IN-HOUSE DOSIMETRY SERVICES

Internal Radiation
(Use Type 596)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	45.00	\$11,250	16.50	\$4,125
Total Minimum =	45.00	\$11,250	16.50	\$4,125
Total Maximum =	45.00	\$11,250	16.50	\$4,125

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

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18. IN-HOUSE DOSIMETRY SERVICES

Radon Progeny

(Use Type 597)

Initial Application Fee

Annual Licence Fee

Hours **Fees Payable
for 2011-2012**

Hours **Fees Payable
for 2011-2012**

Base hours = 45.00 **\$11,250**
 Total Minimum = 45.00 **\$11,250**
 Total Maximum = 45.00 **\$11,250**

16.50 **\$4,125**
 16.50 **\$4,125**
 16.50 **\$4,125**

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

19. IN-HOUSE DOSIMETRY SERVICES

Consolidated

(Use Type 598)

Initial Application Fee

Annual Licence Fee

Hours **Fees Payable
for 2011-2012**

Hours **Fees Payable
for 2011-2012**

Base hours = 52.50 **\$13,125**
 Total Minimum = 52.50 **\$13,125**
 Total Maximum = 52.50 **\$13,125**

22.50 **\$5,625**
 22.50 **\$5,625**
 22.50 **\$5,625**

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

Nuclear Substances & Radiation Devices

Hourly Rate = \$250

Compliance Coefficient = 1

20. CONSOLIDATED USES OF NUCLEAR SUBSTANCES

(Use Type 815)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	22.50	\$5,625	19.00	\$4,750
Hours per each of first 9 laboratories =	2.00	\$500	0.50	\$125
Hours per each of 10th to 39th laboratories =	0.70	\$175	1.25	\$313
Hours per each of 40th to 79th laboratories =	0.20	\$50	2.50	\$625
Hours per each of 80th+ laboratories =	0.20	\$50	3.25	\$813
Total Minimum =	24.50	\$6,125	19.50	\$4,875
Total Maximum =	unlimited	unlimited	unlimited	unlimited

All Formulas = [(Base hours)+(Scaled Hours per laboratories*No of laboratories)]*\$Hrly*Compliance coefficient

21. GAUGES

21.(a) Fixed Gauges

(Use Type 814)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	2.00	\$500	4.50	\$1,125
Hours per location =	3.30	\$825	0.50	\$125
Hours per each of the first 39 devices =			0.40	\$100
Hours per each of the 40th+ devices =			0.70	\$175
Total Minimum =	5.30	\$1,325	5.40	\$1,350
Total Maximum =	20.00	\$5,000	70.00	\$17,500

Initial Licence = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location*No of Location)+(Scaled Hours per Device*No of Devices)]*\$Hrly*Compliance coefficient

21.(b) Portable Gauges

(Use Type 811)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	5.40	\$1,350	2.50	\$625
Hours per location =			0.50	\$125
Hours per each of the first 36 devices =			0.90	\$225
Hours per each of the 37th+ devices =			0.40	\$100
Total Minimum =	5.40	\$1,350	3.90	\$975
Total Maximum =	5.40	\$1,350	47.00	\$11,750

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location*No of Location)+(Scaled Hours per Device*No of Devices)]*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

22. INDUSTRIAL RADIOGRAPHY

(Use Type 812)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	7.50	\$1,875	19.00	\$4,750
Hours per device manufacturer =	5.00	\$1,250		
Hours per location =			0.50	\$125
Hours per each of the first 16 devices =			0.50	\$125
Hours per each of the 17th+ devices =			1.00	\$250
Hours per bunker =	5.00	\$1,250		
Total Minimum =	12.50	\$3,125	20.00	\$5,000
Total Maximum =	unlimited	unlimited	115.00	\$28,750

Initial Licence = [(Base hours)+(Hours per Device Mfg * No of Device Mfg)+(Hours per Bunker * No of Bunkers)]*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location * No of Locations)+(Scaled Hours per Device*No of Devices)+(Hours per Bunker *No. of Bunkers)]*\$Hrly*Compliance coefficient

23. NUCLEAR MEDICINE AND HUMAN RESEARCH

23.(a) Diagnostic Nuclear Medicine

(Use type 862)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	6.00	\$1,500	7.50	\$1,875
Hours per locations =	3.00	\$750	7.50	\$1,875
Total Minimum =	9.00	\$2,250	15.00	\$3,750
Total Maximum =	unlimited	unlimited	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

23.(b) Therapeutic Nuclear Medicine

(Use type 872)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	4.00	\$1,000	7.50	\$1,875
Hours per location =	2.00	\$500	5.50	\$1,375
Total Minimum =	6.00	\$1,500	13.00	\$3,250
Total Maximum =	unlimited	unlimited	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

23.(c) Human Research

(Use type 875)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	2.00	\$500	7.50	\$1,875
Hours per location =			7.50	\$1,875
Total Minimum =	2.00	\$500	15.00	\$3,750
Total Maximum =	2.00	\$500	unlimited	unlimited

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

24. PETROLEUM EXPLORATION AND PRODUCTION

24.(a) Logging - Sealed Source

(Use type 816)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	6.00	\$1,500	2.00	\$500
Hours per location =	4.00	\$1,000	4.00	\$1,000
Total Minimum =	10.00	\$2,500	6.00	\$1,500
Total Maximum =	unlimited	unlimited	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Location*No of Locations)]*Compliance coefficient*\$Hrly

24.(b). Other Petroleum Exploration and Production

Subsurface zone location, subsurface traces studies, tracer studies

(Use Types 844 / 846 / 858)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	6.00	\$1,500	8.00	\$2,000
Hours per location =	4.00	\$1,000	7.50	\$1,875
Total Minimum =	10.00	\$2,500	15.50	\$3,875
Total Maximum =	unlimited	unlimited	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

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24.(c) Borehole Tube Tagging

(Use type 868)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	2.00	\$500	1.50	\$375
Hours per location =			2.00	\$500
Total Minimum =	2.00	\$500	3.50	\$875
Total Maximum =	2.00	\$500	unlimited	unlimited

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Locations*No of Locations)]*\$Hrly*Compliance coefficient

25. SERVICING, INSTALLATION & DISMANTLING OF DEVICES

25.(a) Basic Servicing (of Portable Gauges or Fixed Gauges -not both)

(Use Type 822)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	8.00	\$2,000	13.00	\$3,250
Hours per device manufacturer =			0.30	\$75
Total Minimum =	8.00	\$2,000	13.30	\$3,325
Total Maximum =	8.00	\$2,000	45.00	\$11,250

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Device Manufacturer*No of Device Manufacturers)]*\$Hrly*Compliance coefficient

25.(b) Complex Servicing (of Industrial Radiography Device or any Combination of Portable Gauges, Fixed Gauges or Industrial Radiography Devices)

(Use Type 823)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	12.50	\$3,125	24.50	\$6,125
Hours per device manufacturer =			1.00	\$250
Total Minimum =	12.50	\$3,125	25.50	\$6,375
Total Maximum =	12.50	\$3,125	45.00	\$11,250

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Device Manufacturer*No of Device Manufacturers)]*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

26. UNSEALED NUCLEAR SUBSTANCES

26.(a) Lab Studies

(Use Type 813)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	6.00	\$1,500	4.50	\$1,125
Hours per location =	4.00	\$1,000	1.00	\$250
Hours per each of the first 2 labs =			1.50	\$375
Hours per each of the 3rd+ labs =			3.00	\$750
Total Minimum =	10.00	\$2,500	7.00	\$1,750
Total Maximum =	unlimited	unlimited	unlimited	unlimited

Initial Licence = [(Base hours)+(Hours per Location * No of Locations)]*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location * No of Locations)+(Scaled Hours per Lab*No of Labs)]*\$Hrly*Compliance coefficient

26.(b) Processing - A Quantity Not Exceeding 10 GBq

(Use type 863)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	9.00	\$2,250	39.50	\$9,875
Total Minimum =	9.00	\$2,250	39.50	\$9,875
Total Maximum =	9.00	\$2,250	39.50	\$9,875

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

26.(c) Processing - A Quantity Exceeding 10 GBq

(Use type 847)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	14.00	\$3,500	47.00	\$11,750
Total Minimum =	14.00	\$3,500	47.00	\$11,750
Total Maximum =	14.00	\$3,500	47.00	\$11,750

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

26.(d) Repair of Components Containing Radioactive Luminous Compounds

(Use type 885)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	5.00	\$1,250	5.00	\$1,250
Total Minimum =	5.00	\$1,250	5.00	\$1,250
Total Maximum =	5.00	\$1,250	5.00	\$1,250

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

26.(e) Veterinary Nuclear Medicine

(Use type 915)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	4.00	\$1,000	4.50	\$1,125
Hours per location =	2.00	\$500	6.00	\$1,500
Total Minimum =	6.00	\$1,500	10.50	\$2,625
Total Maximum =	unlimited	unlimited	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Locations*No of Locations)]*\$Hrly*Compliance coefficient

26.(f) Manufacturing of Nuclear Substances

(Use type 851)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	30.00	\$7,500	20.50	\$5,125
Total Minimum =	30.00	\$7,500	20.50	\$5,125
Total Maximum =	30.00	\$7,500	20.50	\$5,125

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

27. SEALED SOURCES AND RADIATION DEVICES

27.(a) Sealed Sources & Radiation Devices - Low Risk

Beta backscatter gauging, Dew point detection,
 Display or use of components containing radioactive luminous compounds,
 Electron capture detection, Electronic component testing, Fuel gauges on board aircraft,
 Lightning warning, Liquid scintillation counter, Low energy imaging,
 Radioluminescence, Remote blade inspection, Radioactive check sources
 Static detection, Static elimination, Smoke detection, Surge-voltage protection,
 Teaching - maximum sealed source size of 50MBq, X-ray fluorescence analysis

(Use types 880 / 881 / 884 / 886 / 888 / 895 / 896 / 897 / 898 / 899 / 900 / 901 / 902 / 903 / 904 / 907 / 919 / 940)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	1.00	\$250	0.50	\$125
Total Minimum =	1.00	\$250	0.50	\$125
Total Maximum =	1.00	\$250	0.50	\$125

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

27.(b) Sealed Sources & Radiation Devices - Medium Risk

Demonstration, Teaching - More than 50 MBq, Bone Mineral Analysis
 Research - maximum sealed source size of 50 MBq

(Use types 883 / 889 / 894 / 908)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	4.00	\$1,000	2.00	\$500
Total Minimum =	4.00	\$1,000	2.00	\$500
Total Maximum =	4.00	\$1,000	2.00	\$500

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

28. DISTRIBUTION

28.(a) Distribution - Drop Shipping

(Use Type 824)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	1.00	\$250	3.50	\$875
Total Minimum =	1.00	\$250	3.50	\$875
Total Maximum =	1.00	\$250	3.50	\$875

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

28.(b) Distribution - Less Than 740 MBq

(Use Type 825)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	4.50	\$1,125	2.50	\$625
Hours per location =			2.00	\$500
Total Minimum =	4.50	\$1,125	4.50	\$1,125
Total Maximum =	4.50	\$1,125	unlimited	unlimited

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

28.(c) Distribution - 740 MBq or More

(Use Type 826)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	5.00	\$1,250	11.50	\$2,875
Hours per location =			6.00	\$1,500
Total Minimum =	5.00	\$1,250	17.50	\$4,375
Total Maximum =	5.00	\$1,250	unlimited	unlimited

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Location*No of Locations)]*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

29. SEALED SOURCES - GROUP II

29.(a) Devices Manufacturing

(Use type 864)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	11.50	\$2,875	24.50	\$6,125
Total Minimum =	11.50	\$2,875	24.50	\$6,125
Total Maximum =	11.50	\$2,875	24.50	\$6,125

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

29.(b) Calibration

(Use type 879)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	12.50	\$3,125	7.00	\$1,750
Total Minimum =	12.50	\$3,125	7.00	\$1,750
Total Maximum =	12.50	\$3,125	7.00	\$1,750

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

29.(c) Medium Risk

Neutron activation, irradiation - self shielded type

Research - maximum sealed source size of more than 50 MBq

(Use types 867 / 873 / 878)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	4.50	\$1,125	5.50	\$1,375
Total Minimum =	4.50	\$1,125	5.50	\$1,375
Total Maximum =	4.50	\$1,125	5.50	\$1,375

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

CNSC 2011-2012 Cost Recovery Fees Schedule

30. MANUAL BRACHYTHERAPY

(Use type 912)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	24.50	\$6,125	25.50	\$6,375
Hours per treatment room =			1.00	\$250
Total Minimum =	24.50	\$6,125	26.50	\$6,625
Total Maximum =	24.50	\$6,125	unlimited	unlimited

Initial Licence = (Base hours)*\$Hrly*Compliance coefficient

Ongoing Licence = [(Base hours)+(Hours per Treatment Room*No of Treatment Rooms)]*\$Hrly*Compliance coefficient

31. DEVELOPMENT & TESTING

(Use type 817)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	7.50	\$1,875	5.00	\$1,250
Total Minimum =	7.50	\$1,875	5.00	\$1,250
Total Maximum =	7.50	\$1,875	5.00	\$1,250

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

32. POSSESSION OF DEUTERIUM

(Use type 916)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2011-2012	Hours	Fees Payable for 2011-2012
Base hours =	2.00	\$500	2.00	\$500
Total Minimum =	2.00	\$500	2.00	\$500
Total Maximum =	2.00	\$500	2.00	\$500

All Formulas = (Base hours)*\$Hrly*Compliance coefficient

33. STORAGE

Storage - long term (more than 1 year)

Temporary Possession - no use

(Use type 906 / 918)

Annual Licence Fee

	Hours	Fees Payable for 2011-2012
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Base hours =	2.00	\$500
Hours per device	0.50	\$125
Total Minimum =	2.50	\$625
Total Maximum =	unlimited	unlimited

All Formulas = [(Base hours)+(Hours per Device*No of Devices)]*\$Hrly*Compliance coefficient

3. FIXED FEES FOR CERTIFICATES AND TRANSPORTATION LICENCES

Fees for certificates and transportation licences other than special arrangement or special form are fixed in Schedule 2 of the Cost Recovery Fees Regulations.

Detailed fee schedules are indicated in the following pages.

CNSC 2011-2012 Cost Recovery Fees Schedule

Transportation Licences	Hourly Rate = \$250
	Compliance Coefficient = 1

GENERAL
All transport licences other than special arrangement and special form
Fees Payable for 2011-2012 = \$500

SPECIAL ARRANGEMENT
(base hours)*(\$hrly)
Base hours = Actual hours worked
Hourly Rate = \$250
Fee = Actual hours at hourly rate + out of pocket expenditures

CNSC 2011-2012 Cost Recovery Fees Schedule

Certificates

EXPOSURE DEVICE OPERATOR CERTIFICATION

Fees Payable for 2011-2012 = \$1,000

RADIATION DEVICE MODEL CERTIFICATE - TYPE 1

Device Type 1 - devices containing more than 1 and less than 10 EQs

Fees Payable for 2011-2012 = \$1,500

RADIATION DEVICE MODEL CERTIFICATE - TYPE 2

Device Type 2 - following devices and 10 EQs or more

Includes: Bone mineral analysis, Dew point detection, Electronic component testing, Fuel gauges on board aircraft, Low energy imaging, Liquid scintillation counter, Radioluminescence, Static detection, Static elimination, Smoke detection, Surge voltage protection, X-ray fluorescence analysis.

Fees Payable for 2011-2012 = \$3,000

RADIATION DEVICE MODEL CERTIFICATE - TYPE 3

Device Type 3 - following devices and 10 EQs or more

Beta backscatter gauging, Calibration, Fixed gauges, Portable gauges

Fees Payable for 2011-2012 = \$6,000

RADIATION DEVICE MODEL CERTIFICATE - TYPE 4

Device type 4 Includes Class II Prescribed Equipment

Radiation devices - Industrial radiography, Irradiation: self shielded type, Neutron activation
 Class II Accelerators - Research, Geophysical logging & Medical calibration irradiator
 Class II Irradiators - Pool-type, Self shielded type, Calibration
 Class II Brachytherapy machine - High dose rate, Low dose rate & Intravascular therapy
 Class II Radioactive source teletherapy machine

Fees Payable for 2011-2012 = \$9,000

TRANSPORTATION PACKAGE CERTIFICATE - Special Arrangement/Special Form

(base hours)*(\$hrly)

Base hours = Actual hours worked

Hourly Rate = \$250

Fee = Actual hours * hourly rate + out of pocket expenditures

CNSC 2011-2012 Cost Recovery Fees Schedule

FIXED FEES		
	Column 1	Column 2
Item	Type of Application	Fees Payable for 2011-2012
1	An application for a licence to transport nuclear material, other than a licence to transport under special arrangement	\$500
2	Except in respect of a certification for the package design of a special form radioactive material, an application for certification of a package design	
	(a) having an "A" value (see note) not exceeding 1 with fissile material	
	(i) assessment of a Initial package design	\$8,000
	(ii) assessment of a package design similar to a certified package design	\$2,650
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(b) having an "A" value greater than 1 and not exceeding 10 with no fissile material	
	(i) assessment of a Initial package design	\$12,000
	(ii) assessment of a package design similar to a certified package design	\$4,000
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(c) having an "A" value greater than 1 and not exceeding 10 with fissile material	
	(i) assessment of a Initial package design	\$20,000
	(ii) assessment of a package design similar to a certified package design	\$6,650
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(d) having an "A" value greater than 10 and not exceeding 100 with no fissile material	
	(i) assessment of a Initial package design	\$14,000
	(ii) assessment of a package design similar to a certified package design	\$4,650
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(e) having an "A" value greater than 10 and not exceeding 100 with fissile material	
	(i) assessment of a Initial package design	\$22,000
	(ii) assessment of a package design similar to a certified package design	\$7,350
	(iii) assessment of a package design identical to a certified package design	\$1,000

CNSC 2011-2012 Cost Recovery Fees Schedule

FIXED FEES		
Item	Column 1 Type of Application	Column 2 Fees Payable for 2011-2012
	(f) having an "A" value greater than 100 and not exceeding 3000 with no fissile material	
	(i) assessment of a Initial package design	\$20,000
	(ii) assessment of a package design similar to a certified package design	\$6,650
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(g) having an "A" value greater than 100 and not exceeding 3000 with fissile material	
	(i) assessment of a Initial package design	\$28,000
	(ii) assessment of a package design similar to a certified package design	\$9,300
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(h) having an "A" value greater than 3000 with no fissile material	
	(i) assessment of a Initial package design	\$24,000
	(ii) assessment of a package design similar to a certified package design	\$8,000
	(iii) assessment of a package design identical to a certified package design	\$1,000
	(i) having an "A" value greater than 3000 with fissile material	
	(i) assessment of a Initial package design	\$32,000
	(ii) assessment of a package design similar to a certified package design	\$10,650
	(iii) assessment of a package design identical to a certified package design	\$1,000
3	An application for certification of a radiation device model	
	(a) Type 1 — A device containing nuclear substances in a quantity greater than the exemption quantity and less than 10 times that quantity	
	(i) assessment of a Initial radiation device model	\$1,500
	(ii) assessment of a radiation device model similar to a certified radiation device model	\$1,000
	(iii) assessment of a radiation device model identical to a certified radiation device model	\$1,000
	(b) Type 2 — A device containing nuclear substances in a quantity equal to or exceeding 10 times the exemption quantity for the following: bone mineral analysis, dew point detection, electronic component testing, fuel gauging, low energy imaging, liquid scintillation counting, radioluminescence, static detection, static elimination, smoke detection, surge voltage protection and X-ray fluorescence analysis	
	(i) assessment of a Initial radiation device model	\$3,000
	(ii) assessment of a radiation device model similar to a certified radiation device model	\$1,000
	(iii) assessment of a radiation device model identical to a certified radiation device model	\$1,000

CNSC 2011-2012 Cost Recovery Fees Schedule

FIXED FEES		
	Column 1	Column 2
Item	Type of Application	Fees Payable for 2011-2012
	(c) Type 3 — A device containing nuclear substances in a quantity equal to or exceeding 10 times the exemption quantity for the following: beta backscatter gauging, calibration, fixed gauges and portable gauges	
	(i) assessment of a Initial radiation device model	\$6,000
	(ii) assessment of a radiation device model similar to a certified radiation device model	\$2,000
	(iii) assessment of a radiation device model identical to a certified radiation device model	\$1,000
	(d) Type 4 — A device of the following type: industrial radiography device, self-shielded irradiator and neutron activator	
	(i) assessment of a Initial radiation device model	\$9,000
	(ii) assessment of a radiation device model similar to a certified radiation device model	\$3,000
	(iii) assessment of a radiation device model identical to a certified radiation device model	\$1,000
4	An application for certification of Class II prescribed equipment	
	(i) assessment of Initial Class II prescribed equipment	\$9,000
	(ii) assessment of Class II prescribed equipment similar to certified Class II prescribed equipment	\$3,000
	(iii) assessment of Class II prescribed equipment identical to certified Class II prescribed equipment	\$1,000
5	An application for certification of an exposure device operator	\$1,000
NOTE: "A" value" means the maximum number obtained by dividing the quantity of radioactivity in the package design by the appropriate "A" or "A ₂ " value as defined in the <i>Packaging and Transport of Nuclear Substances Regulations</i> .		