



CANADIAN NUCLEAR SAFETY COMMISSION COST RECOVERY FEES SCHEDULE - FORMULA AND FIXED FEES FOR 2009-2010



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Canadian Nuclear Safety Commission Cost Recovery Fees Schedule - Formula and Fixed Fees for 2009-2010

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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 FOR OTHER LICENCES

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 2009-2010 Cost Recovery Fees Schedule

Class II Nuclear Facilities	Hourly rate = \$200					
	Compliance Coefficient = 1					

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

Use Type =	518 Construction		519 Commissioning & Operating		520 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 2008-2009						
Total Minimum =	\$10,600	\$2,000	\$17,400	\$9,400	\$9,000	
Total Maximum =	\$10,600	\$2,000	\$17,400	\$9,400	\$9,000	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

2. RESEARCH PARTICLE ACCELERATOR
PET cyclotrons

Use Type =	515 Construction		516 Commissioning & Operating		517 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 2008-2009						
Total Minimum =	\$8,000	\$2,000	\$17,400	\$9,400	\$9,000	
Total Maximum =	\$8,000	\$2,000	\$17,400	\$9,400	\$9,000	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

3. GEOPHYSICAL LOGGING ACCELERATOR

Use Type =	504 Construction		504 Commissioning & Operating		504 Decommissioning	
	Initial	Annual	Initial	Annual	Initial	Annual
	Application Fee	Licence Fee	Application Fee	Licence Fee	Application Fee	Licence Fee
Base hours =			6	2		
Hours per Location =			4	4		
Fees Payable for 2008-2009						
Total Minimum =			\$2,000	\$1,200		
Total Maximum =			unlimited	unlimited		
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 Construction		522 Commissioning & Operating		523 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 2008-2009						
Total Minimum =	\$8,600	\$2,000	\$17,400	\$7,600	\$6,000	
Total Maximum =	unlimited	\$2,000	unlimited	unlimited	\$6,000	
<p>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</p>						

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	6
Fees Payable for 2008-2009		
Total Minimum =	\$1,800	\$28,000
Total Maximum =	unlimited	unlimited
<p>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</p>		

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 2008-2009		
Total Minimum =	\$1,800	\$18,800
Total Maximum =	unlimited	unlimited
<p>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</p>		

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5. POOL-TYPE IRRADIATOR FACILITY						
Use Type =	537 Construction		538 Commissioning & Operating		539 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 2008-2009						
Total Minimum =	\$14,000	\$2,000	\$18,400	\$5,000	\$15,600	
Total Maximum =	\$14,000	\$2,000	\$18,400	\$5,000	\$15,600	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

6. CALIBRATION IRRADIATOR FACILITY						
Use Type =	531 Construction		532 Commissioning & Operating		533 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 2008-2009						
Total Minimum =	\$6,000	\$2,000	\$13,400	\$9,400	\$4,600	
Total Maximum =	\$6,000	\$2,000	\$13,400	\$9,400	\$4,600	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						

7. IRRADIATOR FACILITY - OTHER						
Use Type =	534 Construction		535 Commissioning & Operating		536 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 2008-2009						
Total Minimum =	\$6,000	\$2,000	\$12,600	\$9,400	\$3,600	
Total Maximum =	\$6,000	\$2,000	\$12,600	\$9,400	\$3,600	
All Formulas = (Base hours)*\$Hrly*Compliance coefficient						
Current Fee =	hourly	hourly	hourly	\$2,450	hourly	hourly

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8. RADIOACTIVE SOURCE TELETHERAPY MACHINE					
Use Type =	541 560		542 561		Radioactive Source Teletherapy Stereotactic Gamma Teletherapy
	Construction		Commissioning & Operating		
	Initial	Annual	Initial	Annual	
	Application Fee	Licence Fee	Application Fee	Licence Fee	
Base hours =	38	10	63	32	
Hours per Bunker =	3		6	6	
Fees Payable for 2008-2009					
Total Minimum =	\$8,200	\$2,000	\$13,800	\$7,600	
Total Maximum =	unlimited	\$2,000	unlimited	unlimited	
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 2008-2009					
Total Minimum =	\$5,200	\$2,000	\$11,400	\$7,600	
Total Maximum =	unlimited	\$2,000	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	Initial	Annual	
	Application Fee	Licence Fee	Application Fee	Licence Fee	
Base hours =			12	11	
Fees Payable for 2008-2009					
Total Minimum =			\$2,400	\$2,200	
Total Maximum =			\$2,400	\$2,200	
Remaining Formulas = (Base hours)*\$Hrly*Compliance coefficient					

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11.a) SERVICING OF CLASS II PRESCRIBED EQUIPMENT

Use Type =

	566	
	Operating	
	Initial	Annual
	Application Fee	Licence Fee

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

Fees Payable for 2008-2009

Total Minimum =	\$6,200	\$9,600
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 2008-2009

Total Minimum =	\$8,200	\$8,200
Total Maximum =	unlimited	unlimited

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

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Dosimetry Services	Hourly Rate = \$200
	Compliance Coefficient = 1

12. COMMERCIAL DOSIMETRY SERVICES				
External Radiation				
(Use Type 591)				
	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	45.00	\$9,000	16.50	\$3,300
Total Minimum =	45.00	\$9,000	16.50	\$3,300
Total Maximum =	45.00	\$9,000	16.50	\$3,300
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	45.00	\$9,000	16.50	\$3,300
Total Minimum =	45.00	\$9,000	16.50	\$3,300
Total Maximum =	45.00	\$9,000	16.50	\$3,300
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	45.00	\$9,000	16.50	\$3,300
Total Minimum =	45.00	\$9,000	16.50	\$3,300
Total Maximum =	45.00	\$9,000	16.50	\$3,300
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 2008-2009**

Hours **Fees Payable
for 2008-2009**

Base hours = 52.50 **\$10,500**
 Total Minimum = 52.50 **\$10,500**
 Total Maximum = 52.50 **\$10,500**

22.50 **\$4,500**
 22.50 **\$4,500**
 22.50 **\$4,500**

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 2008-2009**

Hours **Fees Payable
for 2008-2009**

Base hours = 45.00 **\$9,000**
 Total Minimum = 45.00 **\$9,000**
 Total Maximum = 45.00 **\$9,000**

16.50 **\$3,300**
 16.50 **\$3,300**
 16.50 **\$3,300**

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 2008-2009**

Hours **Fees Payable
for 2008-2009**

Base hours = 45.00 **\$9,000**
 Total Minimum = 45.00 **\$9,000**
 Total Maximum = 45.00 **\$9,000**

16.50 **\$3,300**
 16.50 **\$3,300**
 16.50 **\$3,300**

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 2008-2009**

Hours **Fees Payable
for 2008-2009**

Base hours = 45.00 **\$9,000**
 Total Minimum = 45.00 **\$9,000**
 Total Maximum = 45.00 **\$9,000**

16.50 **\$3,300**
 16.50 **\$3,300**
 16.50 **\$3,300**

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 2008-2009**

Hours **Fees Payable
for 2008-2009**

Base hours = 52.50 **\$10,500**
 Total Minimum = 52.50 **\$10,500**
 Total Maximum = 52.50 **\$10,500**

22.50 **\$4,500**
 22.50 **\$4,500**
 22.50 **\$4,500**

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

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Nuclear Substances & Radiation Devices

Hourly Rate = \$200

Compliance Coefficient = 1

20. CONSOLIDATED USES OF NUCLEAR SUBSTANCES

(Use Types 841 / 849 / 857)

New Use Type = 815

Initial Application Fee

Annual Licence Fee

	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	22.50	\$4,500	19.00	\$3,800
Hours per each of first 9 laboratories =	2.00	\$400	0.50	\$100
Hours per each of 10th to 39th laboratories =	0.70	\$140	1.25	\$250
Hours per each of 40th to 79th laboratories =	0.20	\$40	2.50	\$500
Hours per each of 80th+ laboratories =	0.20	\$40	3.25	\$650
Total Minimum =	24.50	\$4,900	19.50	\$3,900
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 Types 832 / 855 / 892 / 952)

New Use Type = 814

Initial Application Fee

Annual Licence Fee

	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	2.00	\$400	4.50	\$900
Hours per location =	3.30	\$660	0.50	\$100
Hours per each of the first 39 devices =			0.40	\$80
Hours per each of the 40th+ devices =			0.70	\$140
Total Minimum =	5.30	\$1,060	5.40	\$1,080
Total Maximum =	20.00	\$4,000	70.00	\$14,000

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 types 970 / 971 / 972 / 973 / 974 / 975 / 990 / 993)

New Use Type = 811

Initial Application Fee

Annual Licence Fee

	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	5.40	\$1,080	2.50	\$500
Hours per location =			0.50	\$100
Hours per each of the first 36 devices =			0.90	\$180
Hours per each of the 37th+ devices =			0.40	\$80
Total Minimum =	5.40	\$1,080	3.90	\$780
Total Maximum =	5.40	\$1,080	47.00	\$9,400

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

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22. INDUSTRIAL RADIOGRAPHY

(Use types 831 / 839 / 842 / 843 / 853 / 854 / 874 / 909 / 939)

New Use Type = 812

Initial Application Fee

Annual Licence Fee

	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	7.50	\$1,500	19.00	\$3,800
Hours per device manufacturer =	5.00	\$1,000		
Hours per location =			0.50	\$100
Hours per each of the first 16 devices =			0.50	\$100
Hours per each of the 17th+ devices =			1.00	
Hours per bunker =	5.00	\$1,000		
Total Minimum =	12.50	\$2,500	20.00	\$4,000
Total Maximum =	unlimited	unlimited	115.00	\$23,000

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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	6.00	\$1,200	7.50	\$1,500
Hours per locations =	3.00	\$600	7.50	\$1,500
Total Minimum =	9.00	\$1,800	15.00	\$3,000
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	4.00	\$800	7.50	\$1,500
Hours per location =	2.00	\$400	5.50	\$1,100
Total Minimum =	6.00	\$1,200	13.00	\$2,600
Total Maximum =	unlimited	unlimited	unlimited	unlimited

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

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23.(c) Human Research
(Use type 875)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	2.00	\$400	7.50	\$1,500
Hours per location =			7.50	\$1,500
Total Minimum =	2.00	\$400	15.00	\$3,000
Total Maximum =	2.00	\$400	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 Types 845 / 861)

New Use Type = 816

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	6.00	\$1,200	2.00	\$400
Hours per location =	4.00	\$800	4.00	\$800
Total Minimum =	10.00	\$2,000	6.00	\$1,200
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	6.00	\$1,200	8.00	\$1,600
Hours per location =	4.00	\$800	7.50	\$1,500
Total Minimum =	10.00	\$2,000	15.50	\$3,100
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	2.00	\$400	1.50	\$300
Hours per location =			2.00	\$400
Total Minimum =	2.00	\$400	3.50	\$700
Total Maximum =	2.00	\$400	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

(Use type 866)

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

New Use Type = 822

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	8.00	\$1,600	13.00	\$2,600
Hours per device manufacturer =			0.30	\$60
Total Minimum =	8.00	\$1,600	13.30	\$2,660
Total Maximum =	8.00	\$1,600	45.00	\$9,000

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)

New Use Type = 823

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	12.50	\$2,500	24.50	\$4,900
Hours per device manufacturer =			1.00	\$200
Total Minimum =	12.50	\$2,500	25.50	\$5,100
Total Maximum =	12.50	\$2,500	45.00	\$9,000

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

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

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26. UNSEALED NUCLEAR SUBSTANCES

26.(a) Lab Studies

(Use types 836 / 837 / 838)

New Use Type = 813

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	6.00	\$1,200	4.50	\$900
Hours per location =	4.00	\$800	1.00	\$200
Hours per each of the first 2 labs =			1.50	\$300
Hours per each of the 3rd+ labs =			3.00	\$600
Total Minimum =	10.00	\$2,000	7.00	\$1,400
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	9.00	\$1,800	39.50	\$7,900
Total Minimum =	9.00	\$1,800	39.50	\$7,900
Total Maximum =	9.00	\$1,800	39.50	\$7,900

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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	14.00	\$2,800	47.00	\$9,400
Total Minimum =	14.00	\$2,800	47.00	\$9,400
Total Maximum =	14.00	\$2,800	47.00	\$9,400

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

CNSC 2008-2009 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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	5.00	\$1,000	5.00	\$1,000
Total Minimum =	5.00	\$1,000	5.00	\$1,000
Total Maximum =	5.00	\$1,000	5.00	\$1,000

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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	4.00	\$800	4.50	\$900
Hours per location =	2.00	\$400	6.00	\$1,200
Total Minimum =	6.00	\$1,200	10.50	\$2,100
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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	30.00	\$6,000	20.50	\$4,100
Total Minimum =	30.00	\$6,000	20.50	\$4,100
Total Maximum =	30.00	\$6,000	20.50	\$4,100

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

CNSC 2008-2009 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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	1.00	\$200	0.50	\$100
Total Minimum =	1.00	\$200	0.50	\$100
Total Maximum =	1.00	\$200	0.50	\$100

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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	4.00	\$800	2.00	\$400
Total Minimum =	4.00	\$800	2.00	\$400
Total Maximum =	4.00	\$800	2.00	\$400

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

CNSC 2008-2009 Cost Recovery Fees Schedule

28. DISTRIBUTION

(Use types 834 / 987)

New Use Type = 824

28.(a) Distribution - Drop Shipping

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	1.00	\$200	3.50	\$700
Total Minimum =	1.00	\$200	3.50	\$700
Total Maximum =	1.00	\$200	3.50	\$700

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

28.(b) Distribution - Less Than 740 MBq

New Use Type = 825

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	4.50	\$900	2.50	\$500
Hours per location =			2.00	\$400
Total Minimum =	4.50	\$900	4.50	\$900
Total Maximum =	4.50	\$900	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

New Use Type = 826

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	5.00	\$1,000	11.50	\$2,300
Hours per location =			6.00	\$1,200
Total Minimum =	5.00	\$1,000	17.50	\$3,500
Total Maximum =	5.00	\$1,000	unlimited	unlimited

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

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

CNSC 2008-2009 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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	11.50	\$2,300	24.50	\$4,900
Total Minimum =	11.50	\$2,300	24.50	\$4,900
Total Maximum =	11.50	\$2,300	24.50	\$4,900

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

29.(b) Calibration

(Use types 827/ 828 / 879)

New Use Type = 879

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	12.50	\$2,500	7.00	\$1,400
Total Minimum =	12.50	\$2,500	7.00	\$1,400
Total Maximum =	12.50	\$2,500	7.00	\$1,400

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 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	4.50	\$900	5.50	\$1,100
Total Minimum =	4.50	\$900	5.50	\$1,100
Total Maximum =	4.50	\$900	5.50	\$1,100

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

CNSC 2008-2009 Cost Recovery Fees Schedule

30. MANUAL BRACHYTHERAPY

(Use type 912)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	24.50	\$4,900	25.50	\$5,100
Hours per treatment room =			1.00	\$200
Total Minimum =	24.50	\$4,900	26.50	\$5,300
Total Maximum =	24.50	\$4,900	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 types 830 / 910 / 917)

New Use Type = 817

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	7.50	\$1,500	5.00	\$1,000
Total Minimum =	7.50	\$1,500	5.00	\$1,000
Total Maximum =	7.50	\$1,500	5.00	\$1,000

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

32. POSSESSION OF DEUTERIUM

(Use type 916)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2008-2009	Hours	Fees Payable for 2008-2009
Base hours =	2.00	\$400	2.00	\$400
Total Minimum =	2.00	\$400	2.00	\$400
Total Maximum =	2.00	\$400	2.00	\$400

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

CNSC 2008-2009 Cost Recovery Fees Schedule

33. STORAGE

Storage - Long term (more than 1 yr.)

Temporary possession

(Use type 906 / 918)

Annual Licence Fee

Hours	Fees Payable for 2008-2009
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Base hours =	2.00	\$400
Hours per device	0.50	\$100
Total Minimum =	2.50	\$400
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 2008-2009 Cost Recovery Fees Schedule

Transportation Licences	Hourly Rate = \$200
	Compliance Coefficient = 1

GENERAL All transport licences other than special arrangement and special form
Fees Payable for 2008-2009 = \$500

SPECIAL ARRANGEMENT (base hours)*(\$hrly)*(compliance coefficient)
Base hours = Actual hours worked
\$hrly = \$200
Compliance coefficient = 1
Fees Payable for 2008-2009 = \$200
Fee = Actual hours at hourly rate + out of pocket expenditures

CNSC 2008-2009 Cost Recovery Fees Schedule

Certificates

EXPOSURE DEVICE OPERATOR CERTIFICATION

Fees Payable for 2008-2009 = \$1,000

RADIATION DEVICE MODEL CERTIFICATE - TYPE 1

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

Fees Payable for 2008-2009 = \$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 2008-2009 = \$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 2008-2009 = \$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 2008-2009 = \$9,000

TRANSPORTATION PACKAGE CERTIFICATE - Special Arrangement/Special Form

(base hours)*(\$hrly)*(compliance coefficient)

Base hours = Actual hours worked

\$hrly = \$200

Compliance coefficient = 1

Fees Payable for 2008-2009 = \$200

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

CNSC 2008-2009 Cost Recovery Fees Schedule

FIXED FEES		
Item	Column 1 Type of Application	Column 2 Fees Payable for 2008-2009
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 2008-2009 Cost Recovery Fees Schedule

FIXED FEES		
Item	Column 1 Type of Application	Column 2 Fees Payable for 2008-2009
	(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 2008-2009 Cost Recovery Fees Schedule

FIXED FEES	
Column 1	Column 2
Item	Type of Application
	Fees Payable for 2008-2009
	(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> .	