

# CNSC Cost Recovery Fees Schedule Formula and Fixed Fees 2019-20

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Canadian Nuclear Safety Commission

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## **CNSC Cost Recovery Fees Schedule Formula and Fixed Fees 2019-20**

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## **CONTENTS**

1. Introduction
2. Formula Fees
3. Fixed fees for certificates and transportation licences

## **1. INTRODUCTION**

The fees schedule provided in this document relates to the *Canadian Nuclear Safety Commission 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 CNSC cost of regulating the licences. 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.

The schedule outlines the following:

- Formula Fees
- Fixed fees for certificates and transportation licences

## 2. FORMULA FEES

Formula fees apply to applicants and licensees in respect of:

- Class II Nuclear Facilities
- Class II Prescribed Equipment
- Dosimetry Services
- nuclear substances and radiation devices to which the *Nuclear Substances and Radiation Devices Regulations* apply, except with respect to and licences for waste nuclear substance activities

The structure for formula fee 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 the applicable fee.

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

Detailed fees schedules are indicated in the following pages.

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>Class II Nuclear Facilities</b>	<b>Hourly rate = \$270</b>
<b>Compliance Coefficient = 1</b>	

<b>1. LINAC AND/OR ELECTROSTATIC PARTICLE ACCELERATOR RESEARCH FACILITY</b>							
<b>1. (a) Linacs and/or electrostatic particle accelerator research facility</b>							
<b>Use Type =</b>	<b>518</b>		<b>519</b>		<b>520</b>		
	<b>Construction</b>		<b>Commissioning &amp; Operating</b>		<b>Decommissioning</b>		
	<b>Initial</b>	<b>Annual</b>	<b>Initial</b>	<b>Annual</b>	<b>Initial</b>	<b>Annual</b>	
	<b>Application Fee</b>	<b>Licence Fee</b>	<b>Application Fee</b>	<b>Licence Fee</b>	<b>Application Fee</b>	<b>Licence Fee</b>	
Base hours =	60.00	10.50	100.00	49.00	45.00		
<b>Fees Payable for 2019-2020</b>							
Total Minimum =	<b>\$16,200.00</b>	<b>\$2,835.00</b>	<b>\$27,000.00</b>	<b>\$13,230.00</b>	<b>\$12,150.00</b>		
Total Maximum =	<b>\$16,200.00</b>	<b>\$2,835.00</b>	<b>\$27,000.00</b>	<b>\$13,230.00</b>	<b>\$12,150.00</b>		
Fee = base hours x hourly rate x compliance coefficient							
<b>1. (b) Linacs and/or electrostatic particle accelerator research facility with service</b>							
<b>Use Type =</b>	<b>619</b>						
	<b>Commissioning &amp; Operating</b>						
	<b>Initial</b>						
	<b>Application Fee</b>						
	<b>Annual</b>						
	<b>Licence Fee</b>						
Base hours =							
Base hours =							
Base hours =							
<b>Fees Payable for 2019-2020</b>							
Total Minimum =							
Total Maximum =							
Fee = base hours x hourly rate x compliance coefficient							

<b>2. CYCLOTRON FACILITY</b>							
<b>2. (a) Cyclotron facility</b>							
<b>Use Type =</b>	<b>515</b>		<b>516</b>		<b>517</b>		
	<b>Construction</b>		<b>Commissioning &amp; Operating</b>		<b>Decommissioning</b>		
	<b>Initial</b>	<b>Annual</b>	<b>Initial</b>	<b>Annual</b>	<b>Initial</b>	<b>Annual</b>	
	<b>Application Fee</b>	<b>Licence Fee</b>	<b>Application Fee</b>	<b>Licence Fee</b>	<b>Application Fee</b>	<b>Licence Fee</b>	
Base hours =	70.00	11.00	130.00	51.00	50.00		
<b>Fees Payable for 2019-2020</b>							
Total Minimum =	<b>\$18,900.00</b>	<b>\$2,970.00</b>	<b>\$35,100.00</b>	<b>\$13,770.00</b>	<b>\$13,500.00</b>		
Total Maximum =	<b>\$18,900.00</b>	<b>\$2,970.00</b>	<b>\$35,100.00</b>	<b>\$13,770.00</b>	<b>\$13,500.00</b>		
Fee = base hours x hourly rate x compliance coefficient							
<b>2. (b) Cyclotron facility with service</b>							
<b>Use Type =</b>	<b>616</b>						
	<b>Commissioning &amp; Operating</b>						
	<b>Initial</b>						
	<b>Application Fee</b>						
	<b>Annual</b>						
	<b>Licence Fee</b>						
Base hours =							
Base hours =							
<b>Fees Payable for 2019-2020</b>							
Total Minimum =							
Total Maximum =							
Fee = base hours x hourly rate x compliance coefficient							

CNSC 2019-2020 Cost Recovery Fees Schedule

**3. NEUTRON GENERATOR**

**3. (a) Neutron generator – geophysical logging accelerator**

Use Type =

504

**Commissioning & Operating  
Initial  
Application Fee      Annual  
Licence Fee**

Base hours = 6.00 4.25  
Hours per Location = 4.00 6.45

**Fees Payable for 2019-2020**

Total Minimum = **\$2,700.00      \$2,889.00**  
Total Maximum = **unlimited      unlimited**

Fee = [base hours + (variable hours per location x number of locations)] x hourly rate x 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 = 40.00 10.00 30.00 29.50 18.00  
Hours per Location = 1.00 2.00 1.55

**Fees Payable for 2019-2020**

Total Minimum = **11,070.00      2,700.00      8,640.00      8,383.50      4,860.00**  
Total Maximum = **unlimited      2,700.00      unlimited      unlimited      4,860.00**

Construction annual fee = base hours x hourly rate x compliance coefficient

Decommissioning initial application fee = base hours x hourly rate x compliance coefficient

Remaining fees = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

**4. PARTICLE ACCELERATOR MEDICAL FACILITY**

**4. (a) Particle accelerator medical facility**

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 = 40.00 10.50 81.00 32.00 30.00  
Hours per Bunker = 3.00 6.00 6.00

**Fees Payable for 2019-2020**

Total Minimum = **\$11,610.00      \$2,835.00      \$23,490.00      \$10,260.00      \$8,100.00**  
Total Maximum = **unlimited      \$2,835.00      unlimited      unlimited      \$8,100.00**

Construction annual fee = base hours x hourly rate x compliance coefficient

Decommissioning initial application fee = base hours x hourly rate x compliance coefficient

Remaining fees = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient

**4. (b) Consolidated particle accelerator medical facility with service**

Use Type =

524

**Commissioning & Operating  
Initial      Annual  
Application Fee      Licence Fee**

Base hours = 25.00 134.00  
Hours per Bunker = 1.00 7.00

**Fees Payable for 2019-2020**

Total Minimum = **\$7,020.00      \$38,070.00**  
Total Maximum = **unlimited      unlimited**

Fee = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>4. (c) Consolidated particle accelerator medical facility</b>		
<b>Use Type =</b>	<b>525</b>	
	<b>Commissioning &amp; Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	8.00	88.00
Hours per Bunker =	1.00	6.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$2,430.00</b>	<b>\$25,380.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient		
<b>4. (d) Consolidated particle accelerator medical facility &amp; manual brachytherapy</b>		
<b>Use Type =</b>	<b>527</b>	
	<b>Commissioning &amp; Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	20.00	101.00
Hours per bunker =	1.00	6.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$5,670.00</b>	<b>\$28,890.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient		
<b>4. (e) Consolidated particle accelerator medical facility &amp; manual brachytherapy with service</b>		
<b>Use Type =</b>	<b>526</b>	
	<b>Commissioning &amp; Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	37.00	147.00
Hours per bunker =	1.00	7.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$10,260.00</b>	<b>\$41,580.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient		

<b>5. POOL-TYPE IRRADIATOR FACILITY</b>							
<b>5. (a) Pool-type irradiator facility</b>							
<b>Use Type =</b>	<b>537</b>		<b>538</b>		<b>539</b>		
	<b>Construction</b>		<b>Commissioning &amp; Operating</b>		<b>Decommissioning</b>		
	<b>Initial</b>	<b>Annual</b>	<b>Initial</b>	<b>Annual</b>	<b>Initial</b>	<b>Annual</b>	
	<b>Application Fee</b>	<b>Licence Fee</b>	<b>Application Fee</b>	<b>Licence Fee</b>	<b>Application Fee</b>	<b>Licence Fee</b>	
Base hours =	70.00	10.00	92.00	27.00	120.00		
<b>Fees Payable for 2019-2020</b>							
Total Minimum =	<b>\$18,900.00</b>	<b>\$2,700.00</b>	<b>\$24,840.00</b>	<b>\$7,290.00</b>	<b>\$32,400.00</b>		
Total Maximum =	<b>\$18,900.00</b>	<b>\$2,700.00</b>	<b>\$24,840.00</b>	<b>\$7,290.00</b>	<b>\$32,400.00</b>		
Fee = base hours x hourly rate x compliance coefficient							



CNSC 2019-2020 Cost Recovery Fees Schedule

<b>5. (b) Pool-type irradiator facility with service</b>		
<b>Use Type =</b>	<b>638</b>	
	<b>Commissioning &amp; Operating Initial Application Fee</b>	<b>Annual Licence Fee</b>
Base hours =	107.00	42.00
Hours per type of Class II equipment =	1.00	1.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$29,160.00</b>	<b>\$11,610.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per type of Class II equipment × number of types of Class II equipment)] × hourly rate × compliance coefficient		

<b>6. CALIBRATION IRRADIATOR FACILITY</b>							
<b>Use Type =</b>	<b>531</b>		<b>532</b>		<b>533</b>		
	<b>Construction</b>		<b>Commissioning &amp; Operating</b>		<b>Decommissioning</b>		
	<b>Initial Application Fee</b>	<b>Annual Licence Fee</b>	<b>Initial Application Fee</b>	<b>Annual Licence Fee</b>	<b>Initial Application Fee</b>	<b>Annual Licence Fee</b>	
Base hours =	30.00	10.00	67.00	48.00	23.00		
<b>Fees Payable for 2019-2020</b>							
Total Minimum =	<b>\$8,100.00</b>	<b>\$2,700.00</b>	<b>\$18,090.00</b>	<b>\$12,960.00</b>	<b>\$6,210.00</b>		
Total Maximum =	<b>\$8,100.00</b>	<b>\$2,700.00</b>	<b>\$18,090.00</b>	<b>\$12,960.00</b>	<b>\$6,210.00</b>		
Fee = base hours × hourly rate × compliance coefficient							

<b>7. IRRADIATOR FACILITY - OTHER</b>							
<b>7. (a) Irradiator facility - other</b>							
<b>Use Type =</b>	<b>534</b>		<b>535</b>		<b>536</b>		
	<b>Construction</b>		<b>Commissioning &amp; Operating</b>		<b>Decommissioning</b>		
	<b>Initial Application Fee</b>	<b>Annual Licence Fee</b>	<b>Initial Application Fee</b>	<b>Annual Licence Fee</b>	<b>Initial Application Fee</b>	<b>Annual Licence Fee</b>	
Base hours =	30.00	11.00	63.00	48.00	24.00		
<b>Fees Payable for 2019-2020</b>							
Total Minimum =	<b>\$8,100.00</b>	<b>\$2,970.00</b>	<b>\$17,010.00</b>	<b>\$12,960.00</b>	<b>\$6,480.00</b>		
Total Maximum =	<b>\$8,100.00</b>	<b>\$2,970.00</b>	<b>\$17,010.00</b>	<b>\$12,960.00</b>	<b>\$6,480.00</b>		
Fee = base hours × hourly rate × compliance coefficient							
<b>7. (b) Irradiator facility – other – with service</b>							
<b>Use Type =</b>	<b>635</b>						
	<b>Commissioning &amp; Operating Initial Application Fee</b>	<b>Annual Licence Fee</b>					
Base hours =	78.00	63.00					
Hours per type of Class II equipment =	1.00	1.00					
<b>Fees Payable for 2019-2020</b>							
Total Minimum =	<b>\$21,330.00</b>	<b>\$17,280.00</b>					
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>					
Fee = [base hours + (variable hours per type of Class II equipment × number of types of Class II equipment)] × hourly rate × compliance coefficient							

CNSC 2019-2020 Cost Recovery Fees Schedule

**8. RADIOACTIVE SOURCE TELETHERAPY MACHINE**

**8. (a) Radioactive source teletherapy machine**

Use Type =	541; 560		542; 561		543; 562	
	Construction		Commissioning & Operating		Decommissioning	
	Initial Application Fee	Annual Licence Fee	Initial Application Fee	Annual Licence Fee	Initial Application Fee	Annual Licence Fee
Base hours =	39.00	10.00	81.00	33.00	30.00	
Hours per Bunker =	3.00		6.00	6.00		

**Fees Payable for 2019-2020**

Total Minimum =	<b>\$11,340.00</b>	<b>\$2,700.00</b>	<b>\$23,490.00</b>	<b>\$10,530.00</b>	<b>\$8,100.00</b>
Total Maximum =	<b>unlimited</b>	<b>\$2,700.00</b>	<b>unlimited</b>	<b>unlimited</b>	<b>\$8,100.00</b>

Construction annual fee = base hours x hourly rate x compliance coefficient

Decommissioning initial application fee = base hours x hourly rate x compliance coefficient

Remaining fees = [base hours + (hours per bunker x number of bunkers)] x hourly rate x compliance coefficient

**8. (b) Radioactive source teletherapy machine – veterinary**

Use Type =	544		545	
	Construction		Commissioning & Operating	
	Initial Application Fee	Annual Licence Fee	Initial Application Fee	Annual Licence Fee
Base hours =	40.00	10.00	81.00	32.00
Hours per Bunker =	3.00		6.00	6.00

**Fees Payable for 2019-2020**

Total Minimum =	<b>\$11,610.00</b>	<b>\$2,700.00</b>	<b>\$23,490.00</b>	<b>\$10,260.00</b>
Total Maximum =	<b>unlimited</b>	<b>\$2,700.00</b>	<b>unlimited</b>	<b>unlimited</b>

Construction annual fee = base hours x hourly rate x compliance coefficient

Remaining fees = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient

**8. (c) Radioactive source teletherapy machine – veterinary with service**

Use Type =	645	
	Commissioning & Operating	
	Initial Application Fee	Annual Licence Fee
Base hours =	96.00	47.00
Hours per bunker =	6.00	6.00
Hours per type of Class II equipment =	1.00	1.00

**Fees Payable for 2019-2020**

Total Minimum =	<b>\$27,810.00</b>	<b>\$14,580.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>

Fee = [base hours + (variable hours per bunker x number of bunkers) + (variable hours per type of Class II equipment x number of types of Class II equipment)] x hourly rate x compliance coefficient

**9. BRACHYTHERAPY FACILITY - HDR/LDR REMOTE AFTER LOADER**

Use Type =	551; 554		552; 555	
	Construction		Commissioning & Operating	
	Initial Application Fee	Annual Licence Fee	Initial Application Fee	Annual Licence Fee
Base hours =	23.00	10.50	51.00	32.00
Hours per Bunker =	3.00		6.00	6.00

**Fees Payable for 2019-2020**

Total Minimum =	<b>\$7,020.00</b>	<b>\$2,835.00</b>	<b>\$15,390.00</b>	<b>\$10,260.00</b>
Total Maximum =	<b>unlimited</b>	<b>\$2,835.00</b>	<b>unlimited</b>	<b>unlimited</b>

Construction annual fee = base hours x hourly rate x compliance coefficient

Remaining fees = [base hours + (variable hours per bunker x number of bunkers)] x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>10. BRACHYTHERAPY FACILITY - ALL OTHER REMOTE AFTERLOADERS</b>		
<b>Use Type =</b>	<b>558</b>	
	<b>Commissioning &amp; Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	12.00	11.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$3,240.00</b>	<b>\$2,970.00</b>
Total Maximum =	<b>\$3,240.00</b>	<b>\$2,970.00</b>
Fee = base hours x hourly rate x compliance coefficient		
Remaining fees = base hours x hourly rate x compliance coefficient		

<b>11. CLASS II PRESCRIBED EQUIPMENT</b>		
<b>11. (a) Service - Class II prescribed equipment</b>		
<b>Use Type =</b>	<b>565; 566</b>	
	<b>Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	30.00	48.00
Hours per Class II equipment type =	1.00	1.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$8,370.00</b>	<b>\$13,230.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per type of Class II equipment x number of types of Class II equipment)] x hourly rate x compliance coefficient		
<b>11. (b) Development and testing - Class II prescribed equipment</b>		
<b>Use Type =</b>	<b>567</b>	
	<b>Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	81.00	41.00
Hours per Class II equipment type =	6.00	1.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$23,490.00</b>	<b>\$11,340.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per type of Class II equipment x number of types of Class II equipment)] x hourly rate x compliance coefficient		
<b>11. (c) Develop, test and service - Class II prescribed equipment</b>		
<b>Use Type =</b>	<b>667</b>	
	<b>Operating</b>	
	<b>Initial</b>	<b>Annual</b>
	<b>Application Fee</b>	<b>Licence Fee</b>
Base hours =	100.00	70.00
Hours per Class II equipment type =	6.00	1.00
<b>Fees Payable for 2019-2020</b>		
Total Minimum =	<b>\$28,620.00</b>	<b>\$19,170.00</b>
Total Maximum =	<b>unlimited</b>	<b>unlimited</b>
Fee = [base hours + (variable hours per type of Class II equipment x number of types of Class II equipment)] x hourly rate x compliance coefficient		

CNSC 2019-2020 Cost Recovery Fees Schedule

**Dosimetry Services** **Hourly Rate = \$270**  
**Compliance Coefficient = 1**

**12. COMMERCIAL DOSIMETRY SERVICES - EXTERNAL RADIATION**  
 (Use Type 591)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	45.00	\$12,150.00	58.10	\$15,687.00
Total Minimum =	45.00	\$12,150.00	58.10	\$15,687.00
Total Maximum =	45.00	\$12,150.00	58.10	\$15,687.00

Fee = base hours x hourly rate x compliance coefficient

**13. COMMERCIAL DOSIMETRY SERVICES - INTERNAL RADIATION**  
 (Use Type 592)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	45.00	\$12,150.00	58.10	\$15,687.00
Total Minimum =	45.00	\$12,150.00	58.10	\$15,687.00
Total Maximum =	45.00	\$12,150.00	58.10	\$15,687.00

Fee = base hours x hourly rate x compliance coefficient

**14. COMMERCIAL DOSIMETRY SERVICES - RADON PROGENY**  
 (Use Type 593)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	45.00	\$12,150.00	58.10	\$15,687.00
Total Minimum =	45.00	\$12,150.00	58.10	\$15,687.00
Total Maximum =	45.00	\$12,150.00	58.10	\$15,687.00

Fee = base hours x hourly rate x compliance coefficient

**15. COMMERCIAL DOSIMETRY SERVICES - CONSOLIDATED**  
 (Use Type 594)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	52.50	\$14,175.00	158.00	\$42,660.00
Total Minimum =	52.50	\$14,175.00	158.00	\$42,660.00
Total Maximum =	52.50	\$14,175.00	158.00	\$42,660.00

Fee = base hours x hourly rate x compliance coefficient

**16. IN-HOUSE DOSIMETRY SERVICES - EXTERNAL RADIATION**  
 (Use Type 595)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	45.00	\$12,150.00	58.10	\$15,687.00
Total Minimum =	45.00	\$12,150.00	58.10	\$15,687.00
Total Maximum =	45.00	\$12,150.00	58.10	\$15,687.00

Fee = base hours x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>17. IN-HOUSE DOSIMETRY SERVICES - INTERNAL RADIATION</b>				
(Use Type 596)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	45.00	<b>\$12,150.00</b>	23.80	<b>\$6,426.00</b>
Total Minimum =	45.00	<b>\$12,150.00</b>	23.80	<b>\$6,426.00</b>
Total Maximum =	45.00	<b>\$12,150.00</b>	23.80	<b>\$6,426.00</b>
Fee = base hours x hourly rate x compliance coefficient				

<b>18. IN-HOUSE DOSIMETRY SERVICES - RADON PROGENY</b>				
(Use Type 597)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	45.00	<b>\$12,150.00</b>	58.10	<b>\$15,687.00</b>
Total Minimum =	45.00	<b>\$12,150.00</b>	58.10	<b>\$15,687.00</b>
Total Maximum =	45.00	<b>\$12,150.00</b>	58.10	<b>\$15,687.00</b>
Fee = base hours x hourly rate x compliance coefficient				

<b>19. IN-HOUSE DOSIMETRY SERVICES - CONSOLIDATED</b>				
(Use Type 598)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	52.50	<b>\$14,175.00</b>	158.00	<b>\$42,660.00</b>
Total Minimum =	52.50	<b>\$14,175.00</b>	158.00	<b>\$42,660.00</b>
Total Maximum =	52.50	<b>\$14,175.00</b>	158.00	<b>\$42,660.00</b>
Fee = base hours x hourly rate x compliance coefficient				

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>Nuclear Substances &amp; Radiation Devices</b>	<b>Hourly Rate = \$270</b>
<b>Compliance Coefficient = 1</b>	

**20. CONSOLIDATED USES OF NUCLEAR SUBSTANCES**  
(Use Type 815)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	24.75	<b>\$6,682.50</b>	19.00	<b>\$5,130.00</b>
Hours per each of first 9 laboratories =	2.00	<b>\$540.00</b>	0.50	<b>\$135.00</b>
Hours per each of 10th to 39th laboratories =	0.70	<b>\$189.00</b>	1.25	<b>\$337.50</b>
Hours per each of 40th to 79th laboratories =	0.20	<b>\$54.00</b>	2.50	<b>\$675.00</b>
Hours per each of 80th+ laboratories =	0.20	<b>\$54.00</b>	3.25	<b>\$877.50</b>
Total Minimum =	26.75	<b>\$7,222.50</b>	19.50	<b>\$5,265.00</b>
Total Maximum =	unlimited	<b>unlimited</b>	unlimited	<b>unlimited</b>

Fee = [base hours + (variable hours per laboratory x number of laboratories)] x hourly rate x compliance coefficient

**21. GAUGES**

**21. (a) Fixed gauges**  
(Use Type 814)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	10.00	<b>\$2,700.00</b>	8.30	<b>\$2,241.00</b>
Hours per location =	3.30	<b>\$891.00</b>	0.95	<b>\$256.50</b>
Hours per each of the first 39 devices =			0.75	<b>\$202.50</b>
Hours per each of the 40th+ devices =			1.15	<b>\$310.50</b>
Total Minimum =	13.30	<b>\$3,591.00</b>	10.00	<b>\$2,700.00</b>
Total Maximum =	30.00	<b>\$8,100.00</b>	127.70	<b>\$34,479.00</b>

Initial application fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient  
Annual licence fee = [base hours + (variable hours per location x number of locations) + (variable hours per device x number of devices)] x hourly rate x compliance coefficient

**21. (b) Portable gauges**  
(Use Type 811)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	7.00	<b>1,890.00</b>	6.25	<b>\$1,687.50</b>
Hours per location =			1.60	<b>\$432.00</b>
Hours per each of the first 36 devices =			2.30	<b>\$621.00</b>
Hours per each of the 37th+ devices =			0.75	<b>\$202.50</b>
Total Minimum =	7.00	<b>1,890.00</b>	10.15	<b>\$2,740.50</b>
Total Maximum =	7.00	<b>1,890.00</b>	119.05	<b>\$32,143.50</b>

Initial application fee = base hours x hourly rate x compliance coefficient  
Annual licence fee = [base hours + (variable hours per location x number of locations) + (variable hours per device x number of devices)] x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

**22. INDUSTRIAL RADIOGRAPHY**

(Use Type 812)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	14.30	\$3,861.00	33.55	\$9,058.50
Hours per device manufacturer =	5.00	\$1,350.00		
Hours per location =			1.25	\$337.50
Hours per each of the first 16 devices =			0.65	\$175.50
Hours per each of the 17th+ devices =			2.15	\$580.50
Hours per bunker =	5.00	\$1,350.00		
Total Minimum =	19.30	\$5,211.00	35.45	\$9,571.50
Total Maximum =	unlimited	unlimited	225.50	\$60,885.00

Initial application fee = [base hours + (variable hours per device manufacturer × number of device manufacturers) + (variable hours per bunker × number of bunkers)] × hourly rate × compliance coefficient

Annual licence fee = [base hours + (variable hours per location × number of locations) + (variable hours per device × number of devices)] × hourly rate × 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 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	11.40	\$3,078.00	13.35	\$3,604.50
Hours per locations =	3.00	\$810.00	12.65	\$3,415.50
Total Minimum =	14.40	\$3,888.00	26.00	\$7,020.00
Total Maximum =	unlimited	unlimited	unlimited	unlimited

Fee = [base hours + (variable hours per location × number of locations)] × hourly rate × compliance coefficient

**23. (b) Therapeutic nuclear medicine**

(Use type 872)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	9.80	\$2,646.00	6.75	\$1,822.50
Hours per location =	2.00	\$540.00	6.50	\$1,755.00
Total Minimum =	11.80	\$3,186.00	13.25	\$3,577.50
Total Maximum =	unlimited	unlimited	unlimited	unlimited

Fee = [base hours + (variable hours per location × number of locations)] × hourly rate × compliance coefficient

**23. (c) Human research**

(Use type 875)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	10.70	\$2,889.00	7.50	\$2,025.00
Hours per location =			7.50	\$2,025.00
Total Minimum =	10.70	\$2,889.00	15.00	\$4,050.00
Total Maximum =	10.70	\$2,889.00	unlimited	unlimited

Initial application fee = base hours × hourly rate × compliance coefficient

Annual licence fee = [base hours + (variable hours per location × number of locations)] × hourly rate × compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

**24. PETROLEUM EXPLORATION AND PRODUCTION**

**24. (a) Logging - sealed source**

(Use type 816)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	17.30	\$4,671.00	7.65	\$2,065.50
Hours per location =	4.00	\$1,080.00	13.40	\$3,618.00
Total Minimum =	21.30	\$5,751.00	21.05	\$5,683.50
Total Maximum =	unlimited	unlimited	unlimited	unlimited

Fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

**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 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	16.60	\$4,482.00	10.70	\$2,889.00
Hours per location =	4.00	\$1,080.00	10.20	\$2,754.00
Total Minimum =	20.60	\$5,562.00	20.90	\$5,643.00
Total Maximum =	unlimited	unlimited	unlimited	unlimited

Fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

**24. (c) Borehole tube tagging**

(Use type 868)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	5.30	\$1,431.00	2.15	\$580.50
Hours per location =			2.70	\$729.00
Total Minimum =	5.30	\$1,431.00	4.85	\$1,309.50
Total Maximum =	5.30	\$1,431.00	unlimited	unlimited

Initial application fee = base hours x hourly rate x compliance coefficient

Annual licence fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

**25. SERVICING, INSTALLATION & DISMANTLING OF DEVICES**

**25. (a) Basic servicing – portable gauges or fixed gauges (not both)**

(Use Type 822)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	14.60	\$3,942.00	20.65	\$5,575.50
Hours per device manufacturer =			0.40	\$108.00
Total Minimum =	14.60	\$3,942.00	21.05	\$5,683.50
Total Maximum =	14.60	\$3,942.00	45.00	\$12,150.00

Initial application fee = base hours x hourly rate x compliance coefficient

Annual licence fee = [base hours + (variable hours per device manufacturer x number of device manufacturers)] x hourly rate x compliance coefficient

**25. (b) Complex servicing – industrial radiography devices or any combination of portable gauges, fixed gauges and industrial radiography devices**

(Use Type 823)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	16.10	\$4,347.00	25.75	\$6,952.50
Hours per device manufacturer =			1.00	\$270.00
Total Minimum =	16.10	\$4,347.00	26.75	\$7,222.50
Total Maximum =	16.10	\$4,347.00	46.25	\$12,487.50

Initial application fee = base hours x hourly rate x compliance coefficient

Annual licence fee = [base hours + (variable hours per device manufacturer x number of device manufacturers)] x hourly rate x compliance coefficient



CNSC 2019-2020 Cost Recovery Fees Schedule

**26. UNSEALED NUCLEAR SUBSTANCES**

**26. (a) Laboratory studies**

(Use Type 813)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	11.60	<b>\$3,132.00</b>	6.50	<b>\$1,755.00</b>
Hours per location =	4.00	<b>\$1,080.00</b>	1.40	<b>\$378.00</b>
Hours per each of the first 2 labs =			2.20	<b>\$594.00</b>
Hours per each of the 3rd+ labs =			4.30	<b>\$1,161.00</b>
Total Minimum =	15.60	<b>\$4,212.00</b>	10.10	<b>\$2,727.00</b>
Total Maximum =	unlimited	<b>unlimited</b>	unlimited	<b>unlimited</b>

Initial application fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

Annual licence fee = [base hours + (variable hours per location x number of locations) + (variable hours per laboratory x number of laboratories)] x hourly rate x compliance coefficient

**26. (b) Processing a quantity not exceeding 10 GBq**

(Use type 863)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	9.00	<b>\$2,430.00</b>	39.50	<b>\$10,665.00</b>
Total Minimum =	9.00	<b>\$2,430.00</b>	39.50	<b>\$10,665.00</b>
Total Maximum =	9.00	<b>\$2,430.00</b>	39.50	<b>\$10,665.00</b>

Fee = base hours x hourly rate x compliance coefficient

**26. (c) Processing a quantity exceeding 10 GBq**

(Use type 847)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	21.20	<b>\$5,724.00</b>	64.00	<b>\$17,280.00</b>
Total Minimum =	21.20	<b>\$5,724.00</b>	64.00	<b>\$17,280.00</b>
Total Maximum =	21.20	<b>\$5,724.00</b>	64.00	<b>\$17,280.00</b>

Fee = base hours x hourly rate x compliance coefficient

**26. (d) Repair of components containing radioactive luminous compounds**

(Use type 885)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	5.00	<b>\$1,350.00</b>	5.00	<b>\$1,350.00</b>
Total Minimum =	5.00	<b>\$1,350.00</b>	5.00	<b>\$1,350.00</b>
Total Maximum =	5.00	<b>\$1,350.00</b>	5.00	<b>\$1,350.00</b>

Fee = base hours x hourly rate x compliance coefficient

**26. (e) Veterinary nuclear medicine**

(Use type 915)

	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	9.00	<b>\$2,430.00</b>	7.00	<b>\$1,890.00</b>
Hours per location =	2.00	<b>\$540.00</b>	6.40	<b>\$1,728.00</b>
Total Minimum =	11.00	<b>\$2,970.00</b>	13.40	<b>\$3,618.00</b>
Total Maximum =	unlimited	<b>unlimited</b>	unlimited	<b>unlimited</b>

Fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>26. (f) Manufacturing of nuclear substances</b>				
(Use type 851)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	30.00	\$8,100.00	20.50	\$5,535.00
Total Minimum =	30.00	\$8,100.00	20.50	\$5,535.00
Total Maximum =	30.00	\$8,100.00	20.50	\$5,535.00

Fee = base hours x hourly rate x compliance coefficient

<b>27. SEALED SOURCES AND RADIATION DEVICES</b>				
<b>27. (a) Sealed sources &amp; radiation devices – low risk</b>				
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)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	1.50	\$405.00	2.35	\$634.50
Total Minimum =	1.50	\$405.00	2.35	\$634.50
Total Maximum =	1.50	\$405.00	2.35	\$634.50

Fee = base hours x hourly rate x compliance coefficient

<b>27. (b) Sealed sources &amp; radiation devices – medium risk</b>				
Demonstration, Teaching - More than 50 MBq, Bone Mineral Analysis Research - maximum sealed source size of 50 MBq (Use types 883 / 889 / 894 / 908)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	4.00	\$1,080.00	2.55	\$688.50
Total Minimum =	4.00	\$1,080.00	2.55	\$688.50
Total Maximum =	4.00	\$1,080.00	2.55	\$688.50

Fee = base hours x hourly rate x compliance coefficient

<b>28. DISTRIBUTION OF NUCLEAR SUBSTANCES</b>				
<b>28. (a) Distribution – drop shipment</b>				
(Use Type 824)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	1.00	\$270.00	4.80	\$1,296.00
Total Minimum =	1.00	\$270.00	4.80	\$1,296.00
Total Maximum =	1.00	\$270.00	4.80	\$1,296.00

Fee = base hours x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

**28. (b) Distribution – less than 740 MBq**

(Use Type 825)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	10.30	\$2,781.00	5.40	\$1,458.00
Hours per location =			4.55	\$1,228.50
Total Minimum =	10.30	\$2,781.00	9.95	\$2,686.50
Total Maximum =	10.30	\$2,781.00	unlimited	unlimited

Initial application fee = base hours x hourly rate x compliance coefficient

Annual licence fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

**28. (c) Distribution – equal to or greater than 740 MBq**

(Use Type 826)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	9.50	\$2,565.00	12.30	\$3,321.00
Hours per location =			9.10	\$2,457.00
Total Minimum =	9.50	\$2,565.00	21.40	\$5,778.00
Total Maximum =	9.50	\$2,565.00	unlimited	unlimited

Initial application fee = base hours x hourly rate x compliance coefficient

Fee = [base hours + (variable hours per location x number of locations)] x hourly rate x compliance coefficient

**29. SEALED SOURCES – GROUP II**

**29. (a) Device manufacturing**

(Use type 864)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	16.80	\$4,536.00	24.50	\$6,615.00
Total Minimum =	16.80	\$4,536.00	24.50	\$6,615.00
Total Maximum =	16.80	\$4,536.00	24.50	\$6,615.00

Fee = base hours x hourly rate x compliance coefficient

**29. (b) Calibration**

(Use type 879)

	Initial Application Fee		Annual Licence Fee	
	Hours	Fees Payable for 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	13.75	\$3,712.50	9.60	\$2,592.00
Total Minimum =	13.75	\$3,712.50	9.60	\$2,592.00
Total Maximum =	13.75	\$3,712.50	9.60	\$2,592.00

Fee = base hours x hourly rate x 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 2019-2020	Hours	Fees Payable for 2019-2020
Base hours =	6.40	\$1,728.00	7.50	\$2,025.00
Total Minimum =	6.40	\$1,728.00	7.50	\$2,025.00
Total Maximum =	6.40	\$1,728.00	7.50	\$2,025.00

Fee = base hours x hourly rate x compliance coefficient

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>30. MANUAL BRACHYTHERAPY</b>				
(Use type 912)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	24.50	<b>\$6,615.00</b>	25.50	<b>\$6,885.00</b>
Hours per treatment room =			1.00	<b>\$270.00</b>
Total Minimum =	24.50	<b>\$6,615.00</b>	26.50	<b>\$7,155.00</b>
Total Maximum =	24.50	<b>\$6,615.00</b>	unlimited	<b>unlimited</b>

Initial application fee = base hours x hourly rate x compliance coefficient  
 Annual licence fee = [base hours + (variable hours per treatment room x number of treatment rooms)] x hourly rate x compliance coefficient

<b>31. DEVELOPMENT &amp; TESTING</b>				
(Use type 817)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	17.10	<b>\$4,617.00</b>	6.40	<b>\$1,728.00</b>
Total Minimum =	17.10	<b>\$4,617.00</b>	6.40	<b>\$1,728.00</b>
Total Maximum =	17.10	<b>\$4,617.00</b>	6.40	<b>\$1,728.00</b>

Fee = base hours x hourly rate x compliance coefficient

<b>32. POSSESSION OF DEUTERIUM</b>				
(Use type 916)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	5.10	<b>\$1,377.00</b>	2.65	<b>\$715.50</b>
Total Minimum =	5.10	<b>\$1,377.00</b>	2.65	<b>\$715.50</b>
Total Maximum =	5.10	<b>\$1,377.00</b>	2.65	<b>\$715.50</b>

Fee = base hours x hourly rate x compliance coefficient

<b>33. STORAGE</b>				
<b>Storage - long term (more than 1 year)</b>				
<b>Temporary Possession - no use</b>				
(Use type 906 / 918)				
	<b>Initial Application Fee</b>		<b>Annual Licence Fee</b>	
	Hours	<b>Fees Payable for 2019-2020</b>	Hours	<b>Fees Payable for 2019-2020</b>
Base hours =	11.60	<b>\$3,132.00</b>	4.10	<b>\$1,107.00</b>
Hours per device			1.20	<b>\$324.00</b>
Total Minimum =	11.60	<b>\$3,132.00</b>	5.30	<b>\$1,431.00</b>
Total Maximum =	11.60	<b>\$3,132.00</b>	unlimited	<b>unlimited</b>

Initial application fee = base hours x hourly rate x compliance coefficient  
 Annual licence fee = [base hours + (variable hours per device x number of devices)] x hourly rate x compliance coefficient

**3. FIXED FEES FOR CERTIFICATES AND TRANSPORTATION LICENCES**

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

Detailed fee schedules are provided in the following pages.

CNSC 2019-2020 Cost Recovery Fees Schedule

**Transportation Licences** **Hourly Rate = \$270**

**GENERAL**  
All transportation licences other than special arrangement and special form

**Fees Payable for 2019-2020 = \$500**

**SPECIAL ARRANGEMENT**

Hours of direct regulatory activities = Actual hours worked  
Hourly Rate = **\$270**

Fee = number of hours of direct regulatory activities × hourly rate + cost of professional and special services obtained by CNSC under contract

CNSC 2019-2020 Cost Recovery Fees Schedule

**Certificates**

**EXPOSURE DEVICE OPERATOR CERTIFICATION**

Fees Payable for 2019-2020 = \$1,000

**RADIATION DEVICE MODEL CERTIFICATE - TYPE 1**

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

Fees Payable for 2019-2020 = \$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 2019-2020 = \$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 2019-2020 = \$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 2019-2020 = \$9,000

**TRANSPORTATION PACKAGE CERTIFICATE - Special Arrangement/Special Form**

Hours of direct regulatory activities = Actual hours worked

Hourly Rate = \$270

Fee = number of hours of direct regulatory activities × hourly rate + cost of professional and special services obtained by CNSC under contract

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>FIXED FEES</b>		
Column 1		Column 2
Item	Type of Application	Fees Payable for 2019-2020
1	An application for a licence to transport nuclear material, other than a licence to transport under special arrangement	<b>\$500</b>
2	Except in respect of a certification for the package design of a special form radioactive material, an application for certification of a package	
	(a) having an "A" value (see note) not exceeding 1 with fissile material	
	(i) assessment of a Initial package design	<b>\$8,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$2,650</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(b) having an "A" value greater than 1 and not exceeding 10 with no fissile material	
	(i) assessment of a Initial package design	<b>\$12,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$4,000</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(c) having an "A" value greater than 1 and not exceeding 10 with fissile material	
	(i) assessment of a Initial package design	<b>\$20,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$6,650</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(d) having an "A" value greater than 10 and not exceeding 100 with no fissile material	
	(i) assessment of a Initial package design	<b>\$14,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$4,650</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(e) having an "A" value greater than 10 and not exceeding 100 with fissile material	
	(i) assessment of a Initial package design	<b>\$22,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$7,350</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>



CNSC 2019-2020 Cost Recovery Fees Schedule

<b>FIXED FEES</b>		
Column 1		Column 2
Item	Type of Application	Fees Payable for 2019-2020
	(f) having an "A" value greater than 100 and not exceeding 3000 with no fissile material	
	(i) assessment of a Initial package design	<b>\$20,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$6,650</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(g) having an "A" value greater than 100 and not exceeding 3000 with fissile material	
	(i) assessment of a Initial package design	<b>\$28,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$9,300</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(h) having an "A" value greater than 3000 with no fissile material	
	(i) assessment of a Initial package design	<b>\$24,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$8,000</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
	(i) having an "A" value greater than 3000 with fissile material	
	(i) assessment of a Initial package design	<b>\$32,000</b>
	(ii) assessment of a package design similar to a certified package design	<b>\$10,650</b>
	(iii) assessment of a package design identical to a certified package design	<b>\$1,000</b>
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	<b>\$1,500</b>
	(ii) assessment of a radiation device model similar to a certified radiation device model	<b>\$1,000</b>
	(iii) assessment of a radiation device model identical to a certified radiation device model	<b>\$1,000</b>
	(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	<b>\$3,000</b>
	(ii) assessment of a radiation device model similar to a certified radiation device model	<b>\$1,000</b>
	(iii) assessment of a radiation device model identical to a certified radiation device model	<b>\$1,000</b>

CNSC 2019-2020 Cost Recovery Fees Schedule

<b>FIXED FEES</b>	
Column 1	Column 2
Item	Type of Application
	<b>Fees Payable for 2019-2020</b>
	(c) Type 3 — A device containing nuclear substances in a quantity equal to or exceeding 10 times the exemption quantity for the following: beta
	(i) assessment of a Initial radiation device model <span style="float:right"><b>\$6,000</b></span>
	(ii) assessment of a radiation device model similar to a certified radiation device model <span style="float:right"><b>\$2,000</b></span>
	(iii) assessment of a radiation device model identical to a certified radiation device model <span style="float:right"><b>\$1,000</b></span>
	(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 <span style="float:right"><b>\$9,000</b></span>
	(ii) assessment of a radiation device model similar to a certified radiation device model <span style="float:right"><b>\$3,000</b></span>
	(iii) assessment of a radiation device model identical to a certified radiation device model <span style="float:right"><b>\$1,000</b></span>
4	An application for certification of Class II prescribed equipment
	(i) assessment of Initial Class II prescribed equipment <span style="float:right"><b>\$9,000</b></span>
	(ii) assessment of Class II prescribed equipment similar to certified Class II prescribed equipment <span style="float:right"><b>\$3,000</b></span>
	(iii) assessment of Class II prescribed equipment identical to certified Class II prescribed equipment <span style="float:right"><b>\$1,000</b></span>
5	An application for certification of an exposure device operator <span style="float:right"><b>\$1,000</b></span>
NOTE: "A" value" means the maximum number obtained by dividing the quantity of radioactivity in the package design by the appropriate "A <sub>1</sub> " or "A <sub>2</sub> " value as defined in the <i>Packaging and Transport of Nuclear Substances Regulations</i> .	