

**TECHNICAL SAFETY BC  
FEE SCHEDULE: BOILERS and PRESSURE VESSELS**

DESCRIPTION	Effective January 1, 2020	UNITS	GST
<b>Contractor Licensing</b>			
New Boiler Contractor Licence	\$ 434	per unit	No
New Boiler Contractor Licence with Quality Control Program	\$ 977	per unit	No
Boiler Contractor Licence (if renewed within one year after expiry). If renewed later than 1 year after expiry, then new boiler contractor Licence fee is charged.	\$ 180	per unit	No
Audit or Re-audit / Interview to obtain or maintain contractors Licence. Interview is part of the contractor Licensing process.	Safety Services Rate	per hour	No
Testing Agency Certificate of Recognition (minimum of 5 hour charge)	Safety Services Rate	per hour	Yes
Testing Agency Certificate of Recognition renewal (1 hour charge)	Safety Services Rate	per hour	Yes
<b>Qualified Worker Certification and Examination (Fees for examination will be assessed based on the examination written date and not the application date.)</b>			
<b>Exams / Papers</b>			
Papers: Power Engineers, Boiler Operators, Refrigeration Operators. Evaluation fee applies before final Power Engineer exam.	\$ 149	per paper	Yes
Class A Pressure Welder Practical Exam (effective January 3, 2020)	\$ 286	per exam	Yes
Ice Facility Operator	\$ 219	per paper	Yes
Safety Awareness, Oil Well, Greenhouse.	\$ 149	per paper	Yes
API / National Board Exam	\$ 368	per exam	Yes
Evaluation Fee. Power Engineers, Pressure Welders, Boiler Operators, Refrigeration Operators, IFO and Safety Awareness. Evaluation fee applies before final Power Engineer exam.	\$ 104	one time fee	Yes
Evaluation Fee. Power Engineers and Pressure Welders with Canadian education and international work experience. Evaluation fee applies before final Power Engineer exam. (Maximum 5.5 hours)	\$ 250	per hour	Yes
Evaluation Fee. Power Engineers of international worker. Evaluation fee applies before final Power Engineer exam.	\$ 1,446	one time fee	Yes
Power Engineer and Pressure Welder Renewal	\$ 102	per unit	Yes
Exam Rescheduling Fee. Charged when an exam is rebooked more than once.	\$ 53	per time	Yes
Re-examination Fee	\$ 149	per paper	Yes
Re-Examination Fee - Ice Facility Operator	\$ 219	per paper	Yes
Exam Re-marking Fee	\$ 73	per exam	Yes
<b>Welder Fees</b>			
Welder Certification (applies only to WPQ tests taken before December 3, 2019). Not a requirement for WPQ tests taken on or after December 3, 2019.	\$ 118	per procedure	Yes
<b>Certification</b>			
Interim "A" Certificate of Qualification, initial and renewal. In force for 12 months or less.	\$ 294	per site	Yes
Interim "B" Certificate of Qualification, initial and renewal. In force for 60 days or less (initial) or 30 days or less (renewal).	\$ 220	per site	Yes
<b>Granting of Certificate of Qualification</b>			
(a) Power Engineers			
(i) 1st Class	\$ 441	per unit	Yes
(ii) 2nd Class	\$ 368	per unit	Yes
(iii) 3rd Class	\$ 258	per unit	Yes
(iv) 4th Class	\$ 184	per unit	Yes
(iv) 5th Class	\$ 184	per unit	Yes
(b) Boiler, Refrigeration and Oil Well Operator	\$ 162	per unit	Yes
<b>Installations Permits</b>			
<b>Boiler Installation or Alteration Permit</b> 1: Permit fee does not include inspection. Inspection hours will be charged in addition.	Note \$ 145	per unit	No
<b>Refrigeration Installation or Alteration Permit:</b> - More than 125 kW prime mover nameplate capacity rating using Group A1, A2 or B1 refrigerant - More than 25 kW prime mover nameplate capacity rating using Group A3, B2 or B3 refrigerant Note 1: Permit fee does not include inspection. Inspection hours will be charged in addition.	\$ 145	per unit	No
<b>Refrigeration Installation or Alteration Permit:</b> (Decal applicable for all refrigeration equipment conforming to CSA B52 section 5.2 within the following parameters) - Using Group A1, A2 or B1 refrigerant and having a capacity >5kW to not more than 125 kW prime mover nameplate rating, or - Using Group A3, B2 or B3 refrigerant and having a capacity >5kW to not more than 25 kW prime mover nameplate rating Note 1: The refrigeration contractor is to supply a declaration of installation that includes details of: - equipment type - certification standard - date and location of installation Note 2: A decal is to be applied to the unit Note 3: An assessment will be carried out to determine if an inspection is required *This became effective on April 15, 2013	\$ 31	per unit	No
<b>Inspection Fees</b>	Safety Services Rate	per site	Yes
<b>Re-inspection Fees:</b> Inspections for non-compliance purposes will be billed on an hourly basis. Please refer to the 'Hourly Rates' section.	Safety Services Rate	per hour	Yes
<b>Operating Permits</b>			
<b>High Pressure Boilers, Low Pressure Boilers, Thermal Fluid Boilers</b>			
(a) with a heating surface to 25 m2 inclusive	\$ 268	per permit	No
(b) with a heating surface more than 25 m2 to 50 m2 inclusive	\$ 404	per permit	No
(c) with a heating surface more than 50 m2 to 100 m2 inclusive	\$ 491	per permit	No
(d) with a heating surface more than 100 m2 to 500 m2 inclusive	\$ 714	per permit	No
(e) with a heating surface more than 500 to 1,000 m2 inclusive	\$ 1,385	per permit	No
(f) with a heating surface more than 1,000 to 2,000 m2 inclusive	\$ 1,608	per permit	No
Additional charge per 1,000 m2 of heating surface over 2,000 m2 rounded up to the nearest 1,000 m2	\$ 536	per 1,000 m2	No

**TECHNICAL SAFETY BC  
FEE SCHEDULE: BOILERS and PRESSURE VESSELS**

<b>Hot Water Boilers</b>			
(a) with a heating surface to 25 m2 inclusive	\$	134	per permit No
(b) with a heating surface more than 25 m2 to 50 m2 inclusive	\$	160	per permit No
(c) with a heating surface more than 50 m2 to 100 m2 inclusive	\$	177	per permit No
(d) with a heating surface more than 100 m2 to 500 m2 inclusive	\$	268	per permit No
(e) with a heating surface more than 500 m2 to 1,000 m2 inclusive	\$	491	per permit No
(f) with a heating surface more than 1,000 m2 to 2,000 m2 inclusive	\$	625	per permit No
Additional charge per 1,000 m2 of heating surface over 2,000 m2 rounded up to the nearest 1,000 m2	\$	222	per 1,000 m2 No
<b>Digesters</b>			
Shell volumetric measurement not more than 280 m3	\$	536	per permit No
Shell volumetric measurement more than 280 m3	\$	856	per permit No
DESCRIPTION	Propose to be Effective January 1, 2020	UNITS	GST
<b>Pressure Vessels</b>			
Regular Service	See Table B (Pressure Vessels Fee Table)	per permit	No
Designated Service	See Table C (Pressure Vessels Fee Table)	per permit	No
Special Service	See Table D (Pressure Vessels Fee Table)	per permit	No
LPG Service	See Table E (Pressure Vessels Fee Table)	per permit	No
<b>Refrigeration Plants</b>			
More than 125 kW prime mover nameplate capacity rating using Group A1, A2 or B1 refrigerant	\$	393	per permit No
More than 25 kW prime mover nameplate capacity rating using Group A3, B2 or B3 refrigerant	\$	393	per permit No
<b>Plant Registration Operating Permits</b>			
1st class	\$	160	per permit No
2nd class	\$	147	per permit No
3rd class	\$	128	per permit No
4th class	\$	108	per permit No
5th class	\$	96	per permit No
<b>Special Plant Registration Fees - Risk Assessed &amp; General Supervision Plants</b>			
Registration of Special Plant (One time registration includes up to 5 hours documentation review, additional review charged at hourly rate)	\$	1,000	per registration No
Initial Safety Audit Inspection by a safety officer	Safety Services Rate	per hour	Yes
Biennial Safety Audit (inspected every 2 years)	Safety Services Rate	per hour	Yes
Biennial Renewal Certificate of Special Plant Registration (inspected every 2 years)	\$	71	per certificate Yes
<b>Boiler / PV Additional Inspection on Request</b>	Safety Services Rate	per hour	Yes
<b>Re-inspection Fees. Assessed when an inspection of a previous non-compliance is performed. (minimum 1 hour)</b>			
Boilers	Safety Services Rate	per hour	Yes
Hot Water Boilers	Safety Services Rate	per hour	Yes
Digesters	Safety Services Rate	per hour	Yes
Pressure Vessels	Safety Services Rate	per hour	Yes
Refrigeration	Safety Services Rate	per hour	Yes
<b>Manufacturing Shop Inspection, Audits, Design Revisions and Registered Design</b>			
Manufacturing Shops and Audit Hourly	Safety Services Rate	per hour	Yes
ASME Welding Procedure Registration	\$	216	per unit Yes
<b>Design Registration</b>			
Reciprocal Design Registration <sup>1</sup>	\$	309	per unit Yes
Standard Design Registration <sup>2 &amp; 5</sup>	\$	646	per unit Yes
Complex Design Registration <sup>3</sup>	\$	1,184	per unit Yes
Exceptional Design Registration <sup>4</sup>	\$	3,485	per unit Yes
Expedited Service A - initial review within 10 business days <sup>5</sup>	2x applicable fee above	per unit	Yes
Expedited Service B - initial review within 5 business days <sup>5</sup>	3.5x applicable fee above	per unit	Yes
Application Cancellation Fee <sup>6</sup>	\$	417	per unit Yes
Administrative Cancellation Fee <sup>7</sup>	\$	120	per unit Yes
Boiler Design Compliance Consultation Rate <sup>8</sup>	\$	278	per hour Yes

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**Design Registration**

**Notes:**

- 1: A design which has been previously registered by another Province in Canada and has a Canadian Registration Number (CRN). Both the design documentation and the proof of registration in another Province must be included with the application.
- 2: Boiler, pressure vessel, pressure piping, pressure fitting designs whose application contents are consistent with the published guidance material and are not likely to require any substantial review effort to verify compliance.
- 3: Applications may be reclassified by BCSA as "complex" following submission where there is a large scope of design review effort resulting from:
  - dependence upon application of engineering judgement rather than prescriptive design code clauses
  - unfamiliarity with applicable codes, standards, design practices or registration process
    - and/or significant communication exchanges are required due to the applicant's lack of responsiveness in responding to questions and issues which may arise during the registration process
- 4: Applications may be reclassified by BCSA as "exceptional" following submission where, in addition to the factors considered for "complex", reviews as defined above, one or more of
  - the design is novel
  - codes and standards are unique, unfamiliar or new to the Province of BC
  - very large scope of review requiring multiple days of dedicated effort
- 5: Turn-Around Times - Standard Design Registration and Expedited Services  
BCSA works to an average turn-around time of 20 - 30 business days for the initial engineering review of standard design registrations, dependent on the volume of applications. Complete registration time is dependent upon the quality of the application and timeliness of the applicant's responses during the process. Two options for expedited service (A & B) are available dependent on the volume of applications and response times for the initial engineering review under each service are provided above.
- 6: Applied to boiler, pressure vessel, pressure piping, pressure fitting designs in the event that an application is cancelled by the applicant or rejected by TECHNICAL SAFETY BC after engineering review has occurred. This fee is in lieu of any design registration fee.
- 7: Applied to boiler, pressure vessel, pressure piping, pressure fitting design applications in the event that an application is cancelled by the applicant or rejected by TECHNICAL SAFETY BC prior to engineering review. This fee is in lieu of any design registration fee.
- 8: This rate applies for optional services that are separate from and beyond the scope of the official design registration process; for example: clients who may be seeking input on compliance of a proposed boiler design prior to submitting a completed application for registration.

**Miscellaneous**

Custom Reports & Searches (per Technology)	Admin Hourly Rate	per hour	Yes
Replacement / Duplicate Standard Certificate of Qualification or Wallet Card (each)	\$ 68	per unit	Yes
Application for each copy of a certificate of inspection	\$ 68	per unit	Yes
Application for variance from the Code	Safety Services Rate	per hour	Yes

**Hourly Rates**

<b>Administrative Rate</b> Normal working hours, Monday to Friday inclusive (except holidays), 8:00 a.m. to 4:30 p.m.	\$ 68	per hour	Yes
Overtime working hours Monday to Friday inclusive (except holidays), 4:30 p.m. to 8:00 a.m., per hour, charged at 1.5x Administrative rate	\$ 104	per hour	Yes
Saturdays, Sundays and Holiday working hours, per hour, charged at 2x Administrative rate	\$ 140	per hour	Yes
<b>Safety Services Rate</b> Normal working hours, Monday to Friday inclusive (except holidays), 8:00 a.m. to 4:30 p.m. Plus expenses incurred where applicable. - Physical Inspections, minimum 1 hour - Remote Inspection, minimum 30 minutes	\$ 180	per hour	Yes
Overtime working hours Monday to Friday inclusive (except holidays), 4:30 p.m. to 8:00 a.m., per hour, charged at 1.5x Safety Services rate	\$ 271	per hour	Yes
Saturdays, Sundays and Holiday working hours, per hour, charged at 2x Safety Services rate	\$ 362	per hour	Yes
<b>Professional Services Rate</b> Normal working hours, Monday to Friday inclusive (except holidays), 8:00 a.m. to 4:30 p.m. Plus expenses incurred where applicable	\$ 255	per hour	Yes
Overtime working hours Monday to Friday inclusive (except holidays), 4:30 p.m. to 8:00 a.m., per hour, charged at 1.5x Professional Services rate	\$ 381	per hour	Yes
Saturdays, Sundays and Holiday working hours, per hour, charged at 2x Professional Services rate	\$ 509	per hour	Yes
<b>Plus expenses incurred, where applicable</b>			
<b>Late Payment Fees may be charged on overdue accounts</b>	\$ 68	per unit	Yes
<b>NSF Cheques</b> A charge will be levied when cheques are returned "NSF"	\$ 42	per unit	Yes

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**Pressure Vessels Fee Tables  
January 1, 2020**

**Table B Regular Service**

	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
<b>Diameter</b>	<1M	46	74	113	152	191	225
	1-2M	69	97	136	175	214	248
	2-3M	90	118	157	196	235	269
	3-4M	113	141	180	219	258	292
	4-5M	134	162	201	240	279	313
	>5M	157	185	224	263	302	336

**Table C Designated service**

	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
<b>Diameter</b>	<1M	92	152	225	302	376	452
	1-2M	137	197	270	347	421	497
	2-3M	180	240	313	390	464	540
	3-4M	224	284	357	434	508	584
	4-5M	266	326	399	476	550	626
	>5M	312	372	445	522	596	672

**Table D Special service**

	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
<b>Diameter</b>	<1M	141	225	339	452	565	678
	1-2M	209	293	407	520	633	746
	2-3M	272	356	470	583	696	809
	3-4M	341	425	539	652	765	878
	4-5M	404	488	602	715	828	941
	>5M	471	555	669	782	895	1008

**Table E LPG Service**

	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
<b>Diameter</b>	<1M	31	45	72	93	117	141
	1-2M	42	56	83	104	128	152
	2-3M	61	75	102	123	147	171
	3-4M	72	86	113	134	158	182
	4-5M	82	96	123	144	168	192
	>5M	97	111	138	159	183	207