

Fee Schedule: Boilers, Pressure Vessels and Refrigeration

TECHNICAL SAFETY BC FEE SCHEDULE: BOILERS, PRESSURE VESSELS & REFRIGERATION				
DESCRIPTION	Effective January 1, 2022	Effective January 1, 2023	UNITS	GST
CONTRACTOR LICENSING				
New Boiler Contractor Licence	\$ 456	\$ 470	per unit	No
New Boiler Contractor Licence with Quality Control Program	\$ 1,027	\$ 1,058	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.	\$ 190	\$ 196	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	Safety Services Rate	per hour	No
Testing Agency Certificate of Recognition (minimum of 5 hour charge)	Safety Services Rate	Safety Services Rate	per hour	Yes
Testing Agency Certificate of Recognition renewal (1 hour charge)	Safety Services Rate	Safety Services Rate	per hour	Yes
QUALIFIED WORKER CERTIFICATION AND EXAMINATION (Fees for examination will be assessed based on the examination written date and not the application date.)				
Exams / Papers				
Papers: Power Engineers, Boiler Operators, Refrigeration Operators. Evaluation fee applies before final Power Engineer exam.	\$ 157	\$ 162	per paper	Yes
Class A Pressure Welder Practical Exam (effective January 3, 2020)	\$ 300	\$ 309	per exam	Yes
Ice Facility Operator	\$ 230	\$ 237	per paper	Yes
Safety Awareness, Oil Well, Greenhouse.	\$ 157	\$ 162	per paper	Yes
API / National Board Exam	\$ 386	\$ 398	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.	\$ 109	\$ 112	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)	\$ 263	\$ 271	per hour	Yes
Evaluation Fee. Power Engineers of international worker, Evaluation fee applies before final Power Engineer exam.	\$ 1,519	\$ 1,565	one time fee	Yes
Power Engineer and Pressure Welder Renewal	\$ 107	\$ 110	per unit	Yes
Exam Rescheduling Fee. Charged when an exam is rebooked more than once.	\$ 56	\$ 57	per time	Yes
Re-examination Fee	\$ 157	\$ 162	per paper	Yes
Re-Examination Fee - Ice Facility Operator	\$ 230	\$ 237	per paper	Yes
Exam Re-marking Fee	\$ 76	\$ 78	per exam	Yes
Welder Fees				
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.	\$ 124	\$ 128	per procedure	Yes
Certification				
Interim "A" Certificate of Qualification, initial and renewal. In force for 12 months or less.	\$ 309	\$ 318	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).	\$ 231	\$ 238	per site	Yes
Granting of Certificate of Qualification				
(a) Power Engineers				
(i) 1st Class	\$ 464	\$ 478	per unit	Yes
(ii) 2nd Class	\$ 386	\$ 398	per unit	Yes
(iii) 3rd Class	\$ 271	\$ 279	per unit	Yes
(iv) 4th Class	\$ 194	\$ 200	per unit	Yes
(iv) 5th Class	\$ 194	\$ 200	per unit	Yes
(b) Boiler, Refrigeration and Oil Well Operator	\$ 170	\$ 175	per unit	Yes

TECHNICAL SAFETY BC FEE SCHEDULE: BOILERS, PRESSURE VESSELS & REFRIGERATION				
DESCRIPTION	Effective January 1, 2022	Effective January 1, 2023	UNITS	GST
INSTALLATION PERMITS				
Boiler Installation or Alteration Permit Notes 1. Permit fee does not include inspection. Inspection hours will be charged in addition. 2. Water Heaters are considered boiler, for the above requirement. - Unless exempted from BC REG 104/2004 Section 3	\$ 152	\$ 157	per unit	No
Refrigeration Installation or Alteration Permit: - 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.	\$ 152	\$ 157	per unit	No
Refrigeration Installation or Alteration Permit: <i>(Decal applicable for all refrigeration equipment conforming to CSA B52 section 5.2 within the following parameters)</i> - 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	\$ 33	\$ 34	per unit	No
Inspection Fees	Safety Services Rate	Safety Services Rate	per site	Yes
Re-inspection Fees: Inspections for non-compliance purposes will be billed on an hourly basis. Please refer to the 'Hourly Rates' section.	Safety Services Rate	Safety Services Rate	per hour	Yes
OPERATING PERMITS				
High Pressure Boilers, Low Pressure Boilers, Thermal Fluid Boilers				
(a) with a heating surface to 25 m2 inclusive	\$ 281	\$ 289	per permit	No
(b) with a heating surface more than 25 m2 to 50 m2 inclusive	\$ 424	\$ 437	per permit	No
(c) with a heating surface more than 50 m2 to 100 m2 inclusive	\$ 516	\$ 531	per permit	No
(d) with a heating surface more than 100 m2 to 500 m2 inclusive	\$ 750	\$ 773	per permit	No
(e) with a heating surface more than 500 to 1,000 m2 inclusive	\$ 1,455	\$ 1,499	per permit	No
(f) with a heating surface more than 1,000 to 2,000 m2 inclusive	\$ 1,689	\$ 1,740	per permit	No
Additional charge per 1,000 m2 of heating surface over 2,000 m2 rounded up to the nearest 1,000 m2	\$ 563	\$ 580	per 1,000 m2	No
Hot Water Boilers				
(a) with a heating surface to 25 m2 inclusive (a.1) for Potable Water Heaters (with boiler capacity up to 500,000 BTU/hr inclusive)	\$ 141	\$ 145	per permit	No
(b) with a heating surface more than 25 m2 to 50 m2 inclusive (b.1) for Potable Water Heaters (with boiler capacity greater than 500,000 BTU/hr)	\$ 168	\$ 173	per permit	No
(c) with a heating surface more than 50 m2 to 100 m2 inclusive	\$ 186	\$ 192	per permit	No
(d) with a heating surface more than 100 m2 to 500 m2 inclusive	\$ 281	\$ 289	per permit	No
(e) with a heating surface more than 500 m2 to 1,000 m2 inclusive	\$ 516	\$ 531	per permit	No
(f) with a heating surface more than 1,000 m2 to 2,000 m2 inclusive	\$ 657	\$ 677	per permit	No
Additional charge per 1,000 m2 of heating surface over 2,000 m2 rounded up to the nearest 1,000 m2	\$ 233	\$ 240	per 1,000 m2	No

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Digesters				
Shell volumetric measurement not more than 280 m3	\$ 563	\$ 580	per permit	No
Shell volumetric measurement more than 280 m3	\$ 899	\$ 926	per permit	No
Pressure Vessels				
Regular Service	See Table B (Pressure Vessels Fee Table)	See Table B (Pressure Vessels Fee Table)	per permit	No
Designated Service	See Table C (Pressure Vessels Fee Table)	See Table C (Pressure Vessels Fee Table)	per permit	No
Special Service	See Table D (Pressure Vessels Fee Table)	See Table D (Pressure Vessels Fee Table)	per permit	No
LPG Service	See Table E (Pressure Vessels Fee Table)	See Table E (Pressure Vessels Fee Table)	per permit	No
Refrigeration Plants				
More than 125 kW prime mover nameplate capacity rating using Group A1, A2 or B1 refrigerant	\$ 413	\$ 425	per permit	No
More than 25 kW prime mover nameplate capacity rating using Group A3, B2 or B3 refrigerant	\$ 413	\$ 425	per permit	No
PLANT REGISTRATION OPERATING PERMITS				
1st class	\$ 168	\$ 173	per permit	No
2nd class	\$ 155	\$ 160	per permit	No
3rd class	\$ 135	\$ 139	per permit	No
4th class	\$ 113	\$ 116	per permit	No
5th class	\$ 101	\$ 104	per permit	No
SPECIAL PLANT REGISTRATION FEES - RISK ASSESSED & GENERAL SUPERVISION PLANTS				
Registration of Special Plant (One time registration includes up to 5 hours documentation review, additional review charged at hourly rate)	\$ 1,051	\$ 1,083	per registration	No
Initial Safety Audit Inspection by a safety officer	Safety Services Rate	Safety Services Rate	per hour	Yes
Biennial Safety Audit (inspected every 2 years)	Safety Services Rate	Safety Services Rate	per hour	Yes
Biennial Renewal Certificate of Special Plant Registration (inspected every 2 years)	\$ 74	\$ 76	per certificate	Yes
Boiler / PV Additional Inspection on Request	Safety Services Rate	Safety Services Rate	per hour	Yes
Re-inspection Fees. Assessed when an inspection of a previous non-compliance is performed. (minimum 1 hour)				
Boilers	Safety Services Rate	Safety Services Rate	per hour	Yes
Hot Water Boilers	Safety Services Rate	Safety Services Rate	per hour	Yes
Digesters	Safety Services Rate	Safety Services Rate	per hour	Yes
Pressure Vessels	Safety Services Rate	Safety Services Rate	per hour	Yes
Refrigeration	Safety Services Rate	Safety Services Rate	per hour	Yes
MANUFACTURING SHOP INSPECTION, AUDITS, DESIGN REVISIONS & REGISTERED DESIGN				
Manufacturing Shops and Audit Hourly	Safety Services Rate	Safety Services Rate	per hour	Yes
ASME Welding Procedure Registration	\$ 227	\$ 234	per unit	Yes
DESIGN REGISTRATION				
Reciprocal Design Registration ¹	\$ 324	\$ 334	per unit	Yes
Standard Design Registration ^{2 & 5}	\$ 679	\$ 699	per unit	Yes
Complex Design Registration ³	\$ 1,244	\$ 1,281	per unit	Yes

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DESCRIPTION	Effective January 1, 2022	Effective January 1, 2023	UNITS	GST
Exceptional Design Registration ⁴	\$ 3,662	\$ 3,772	per unit	Yes
Expedited Service A - initial review within 10 business days ⁵	2x applicable fee above	2x applicable fee above	per unit	Yes
Expedited Service B - initial review within 5 business days ⁵	3.5x applicable fee above	3.5x applicable fee above	per unit	Yes
Application Cancellation Fee ⁶	\$ 438	\$ 451	per unit	Yes
Administrative Cancellation Fee ⁷	\$ 126	\$ 130	per unit	Yes
Boiler Design Compliance Consultation Rate ⁸	\$ 293	\$ 302	per hour	Yes
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 following conditions are applicable: - 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	Admin Hourly Rate	per hour	Yes
Replacement / Duplicate Standard Certificate of Qualification or Wallet Card (each)	\$ 71	\$ 73	per unit	Yes
Application for each copy of a certificate of inspection	\$ 71	\$ 73	per unit	Yes
Application for variance from the Code	Safety Services Rate	Safety Services Rate	per hour	Yes
HOURLY RATES				
Administrative Rate Normal working hours, Monday to Friday inclusive (except holidays), 8:00 a.m. to 4:30 p.m.	\$ 71	\$ 73	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	\$ 109	\$ 112	per hour	Yes
Saturdays, Sundays and Holiday working hours, per hour, charged at 2x Administrative rate	\$ 147	\$ 151	per hour	Yes

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Safety Services Rate 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	\$ 190	\$ 196	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	\$ 284	\$ 293	per hour	Yes
Saturdays, Sundays and Holiday working hours, per hour, charged at 2x Safety Services rate	\$ 380	\$ 391	per hour	Yes
Professional Services Rate Normal working hours, Monday to Friday inclusive (except holidays), 8:00 a.m. to 4:30 p.m. Plus expenses incurred where applicable	\$ 268	\$ 276	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	\$ 401	\$ 413	per hour	Yes
Saturdays, Sundays and Holiday working hours, per hour, charged at 2x Professional Services rate	\$ 535	\$ 551	per hour	Yes
Plus expenses incurred, where applicable				
Late Payment Fees may be charged on overdue accounts	\$ 71	\$ 73	per unit	Yes
NSF Cheques A charge will be levied when cheques are returned "NSF"	\$ 44	\$ 45	per unit	Yes

Pressure Vessels Fee Tables January 1, 2022							
Table B Regular Service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	48	77	118	160	201	237
	1-2M	72	102	143	184	225	261
	2-3M	95	124	165	206	247	282
	3-4M	118	148	190	230	271	307
	4-5M	141	170	211	252	294	329
	>5M	165	195	235	276	317	353
Table C Designated service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	97	160	237	317	396	475
	1-2M	144	207	283	365	442	522
	2-3M	190	252	329	410	487	568
	3-4M	235	299	375	456	534	614
	4-5M	279	343	419	501	578	658
	>5M	328	390	468	548	626	706
Table D Special service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	148	237	356	475	593	713
	1-2M	219	308	427	546	665	784
	2-3M	285	374	493	613	731	850
	3-4M	358	447	567	685	803	923
	4-5M	424	513	632	751	870	989
	>5M	494	583	702	822	940	1059
Table E LPG Service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	33	47	75	98	123	148
	1-2M	44	59	88	109	135	160
	2-3M	64	79	107	129	155	179
	3-4M	75	91	118	141	166	192
	4-5M	87	101	129	151	176	202
	>5M	102	116	145	167	193	217

Pressure Vessels Fee Tables January 1, 2023							
Table B Regular Service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	49	79	122	165	207	244
	1-2M	74	105	147	190	232	269
	2-3M	98	128	170	212	254	290
	3-4M	122	152	196	237	279	316
	4-5M	145	175	217	260	303	339
	>5M	170	201	242	284	327	364
Table C Designated service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	100	165	244	327	408	489
	1-2M	148	213	291	376	455	538
	2-3M	196	260	339	422	502	585
	3-4M	242	308	386	470	550	632
	4-5M	287	353	432	516	595	678
	>5M	338	402	482	564	645	727
Table D Special service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	152	244	367	489	611	734
	1-2M	226	317	440	562	685	808
	2-3M	294	385	508	631	753	876
	3-4M	369	460	584	706	827	951
	4-5M	437	528	651	774	896	1019
	>5M	509	600	723	847	968	1091
Table E LPG Service							
	Length	<5M	5-10M	10-15M	15-20M	20-25M	>25M
Diameter	<1M	34	48	77	101	127	152
	1-2M	45	61	91	112	139	165
	2-3M	66	81	110	133	160	184
	3-4M	77	94	122	145	171	198
	4-5M	90	104	133	156	181	208
	>5M	105	119	149	172	199	224