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Overview of BC Mines Blaster Certifications and Required Experience and Documentation

Surface Blaster 3rd Class	
<p>The first step in a BC Mines Surface Blaster Certification, with a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety.</p> <p>Successful completion allows you to handle explosives and assist with mine blast preparation, act as a trainee to a certified BC Mines Blaster, and perform single-shot blasts on the surface of a mine.</p>	
Prerequisites:	<ul style="list-style-type: none"> Over 18 years of age
Candidate Must Provide:	<ul style="list-style-type: none"> Application for BC Mines Blaster Certification Proof of ID Criminal record check Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster or certified blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> 75%

Surface Blaster 2nd Class	
<p>The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The technical exam focuses on surface blasting techniques.</p> <p>Successful completion allows you to perform general surface mine blasting operations outside of defined urban zones.</p>	
Prerequisites:	<ul style="list-style-type: none"> At least six months on pattern, with a minimum of 12 surface charges under the direct supervision of a certified BC Mines Blaster BC Mines Surface Blaster 3rd Class
Candidate Must Provide:	<ul style="list-style-type: none"> Application for BC Mines Blaster Certification Proof of ID Criminal record check

	<ul style="list-style-type: none"> • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster or certified blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> • 75%

Surface Blaster 1st Class (Urban or Close Proximity)	
<p>The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The technical exam focuses on surface blasting techniques and urban or close proximity blasting.</p> <p>Successful completion allows you to perform all general surface mine blasting operations in all zones.</p>	
Prerequisites:	<ul style="list-style-type: none"> • At least six months experience on urban blasting projects, with a minimum of 20 urban blasts under the direct supervision of a certified BC Mines 1st Class (Urban) Blaster • BC Mines Surface Blaster 2nd Class
Candidate Must Provide:	<ul style="list-style-type: none"> • Application for BC Mines Blaster Certification • Proof of ID • Criminal record check • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster or certified blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> • 80%

Underground Blaster 3rd Class	
<p>The first step in a BC Mines Underground Blaster Certification. The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The technical exam focuses on underground single-shot blasting activities.</p> <p>Successful completion allows you to handle explosives, assist with blast preparation, act as a trainee to a certified BC Mines Blaster, and perform single-shots in a non-coal underground mine.</p>	
Prerequisites:	<ul style="list-style-type: none"> • Assistance on a minimum of 12 single-shot charges under the direct supervision of a certified BC Mines Blaster
Candidate Must Provide:	<ul style="list-style-type: none"> • Application for BC Mines Blaster Certification • Proof of ID • Criminal record check

	<ul style="list-style-type: none"> • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster or certified blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> • 75%

Underground Blaster 2nd Class	
<p>The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The technical exam focuses on underground blasting techniques.</p> <p>Successful completion allows you to perform all general underground mine blasting operations, with the exception of underground coal.</p>	
Prerequisites:	<ul style="list-style-type: none"> • At least 60 days working with a certified Underground Mines Blaster, with a minimum of 12 face rounds or two long-hole blasts • BC Mines Underground Blaster 3rd Class
Candidate Must Provide:	<ul style="list-style-type: none"> • Application for BC Mines Blaster Certification • Proof of ID • Criminal record check • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster or certified blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> • 75%

Underground Blaster 1st Class (Underground Coal)	
<p>The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The technical exam focuses on underground coal mine blasting techniques and working in a coal environment.</p> <p>Successful completion allows you to perform underground blasting operations in underground coal mines only.</p>	
Prerequisites:	<ul style="list-style-type: none"> • Experience working with a certified “Shot Firer” (Underground Blaster 1st Class) for 12 underground coal blasting operations or equivalent from another jurisdiction • BC Mines Underground Blaster 2nd Class
Candidate Must Provide:	<ul style="list-style-type: none"> • Application for BC Mines Blaster Certification • Proof of ID

	<ul style="list-style-type: none"> • Criminal record check • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> • 80%

Seismic Endorsement	
<p>The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The technical exam focuses on seismic blasting activities.</p> <p>Successful completion allows you to set off charges in relation to exploration activities: handle explosives and assist with blast preparation, perform single-series electric blasts and seismic blasts.</p>	
Prerequisites:	<ul style="list-style-type: none"> • Assistance setting a minimum of six seismic blast operations under the direct supervision of a certified Blaster
Candidate Must Provide:	<ul style="list-style-type: none"> • Application for BC Mines Blaster Certification • Proof of ID • Criminal record check • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster
Passing Grade for Online Exams:	<ul style="list-style-type: none"> • 75%

Equivalent Certification
<p>The regulatory exam has a focus on regulatory requirements, magazines, care and handling of explosives, guarding, and transportation safety. The equivalency certification is a result of an inter-provincial agreement (Agreement on Internal Trade) that allows provinces to recognize certified skills from other jurisdictions in Canada. To obtain credentials in B.C., you must complete a regulatory exam to ensure familiarity with the regulations for the jurisdiction for which you are trying to obtain certification.</p> <p>During the in-person interview, the interviewer will determine which blaster certification you're qualified for. Proof of equivalent certification from another jurisdiction must be provided at the interview.</p>
<p>Avalanche Control Blasting</p> <p>To perform Avalanche Control Blasting at a B.C. mine you must hold a valid WorkSafeBC Avalanche Control Blasting Certificate, <u>and</u> you must complete the BC Mines Blaster Equivalent Certification. After completion of the Equivalent Certification, you will receive a Surface Blaster – 3rd Class Certificate. Both your WorkSafeBC</p>

Avalanche Control Blasting Certificate and the Surface Blaster – 3 rd Class Certificate must be maintained and kept current.	
Prerequisites:	<ul style="list-style-type: none"> • A current, valid blaster competency certificate from another Canadian provincial or territorial jurisdiction, outside of B.C., OR • For avalanche control blasting equivalent certification, a current, valid WorkSafeBC Avalanche Control Blasting Certificate
Candidate Must Provide:	<ul style="list-style-type: none"> • Application for BC Mines Blaster Certification • Valid existing blaster certificate • Proof of ID • Criminal record check • Proof of experience (e.g., logbook) and/or letter of reference from your employer or a certified BC Mines Blaster or certified blaster
Passing Grade for Online Exam:	<ul style="list-style-type: none"> • 75%