

## **ASPHALT PAVING/LAYDOWN TECHNICIAN**

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### **Occupation Description**

Asphalt Paving/Laydown Technicians operate machines that lay, screed, compact or mill surface materials in highway and road construction. They may also operate trucks equipped with road sanding, road oiling and other similar apparatus.

For detailed information on the scope of knowledge and skills taught and assessed in this program refer to the Program Outline, available on the SkilledTradesBC website.

### **Pathways to Certification**

In BC, an individual can become certified as an Asphalt Paving/Laydown Technician by completing the Asphalt Paving/Laydown Technician program or by challenging the certification. Apprenticeship programs are for individuals who have an employer to sponsor them and challenge programs are for individuals who have extensive experience working in the occupation and wish to challenge the certification.

Youth can begin an apprenticeship in high school through the Youth Train in Trades or Youth Work in Trades programs. The Youth Work in Trades program is available for any trade if an employer is willing to sponsor the student. Trades offered through the Youth Train in Trades vary by region; contact your local school district to find out which technical training programs are being offered through the Youth Train in Trades program in your region.

### **Recommended Education and Experience**

The following education is recommended for apprentices entering this occupation. These are not pre-requisites, but rather a desired level of skill or knowledge that will contribute to success in the industry.

- Grade 10 or equivalent including English 10 and Math 10
- One year of related experience in industry

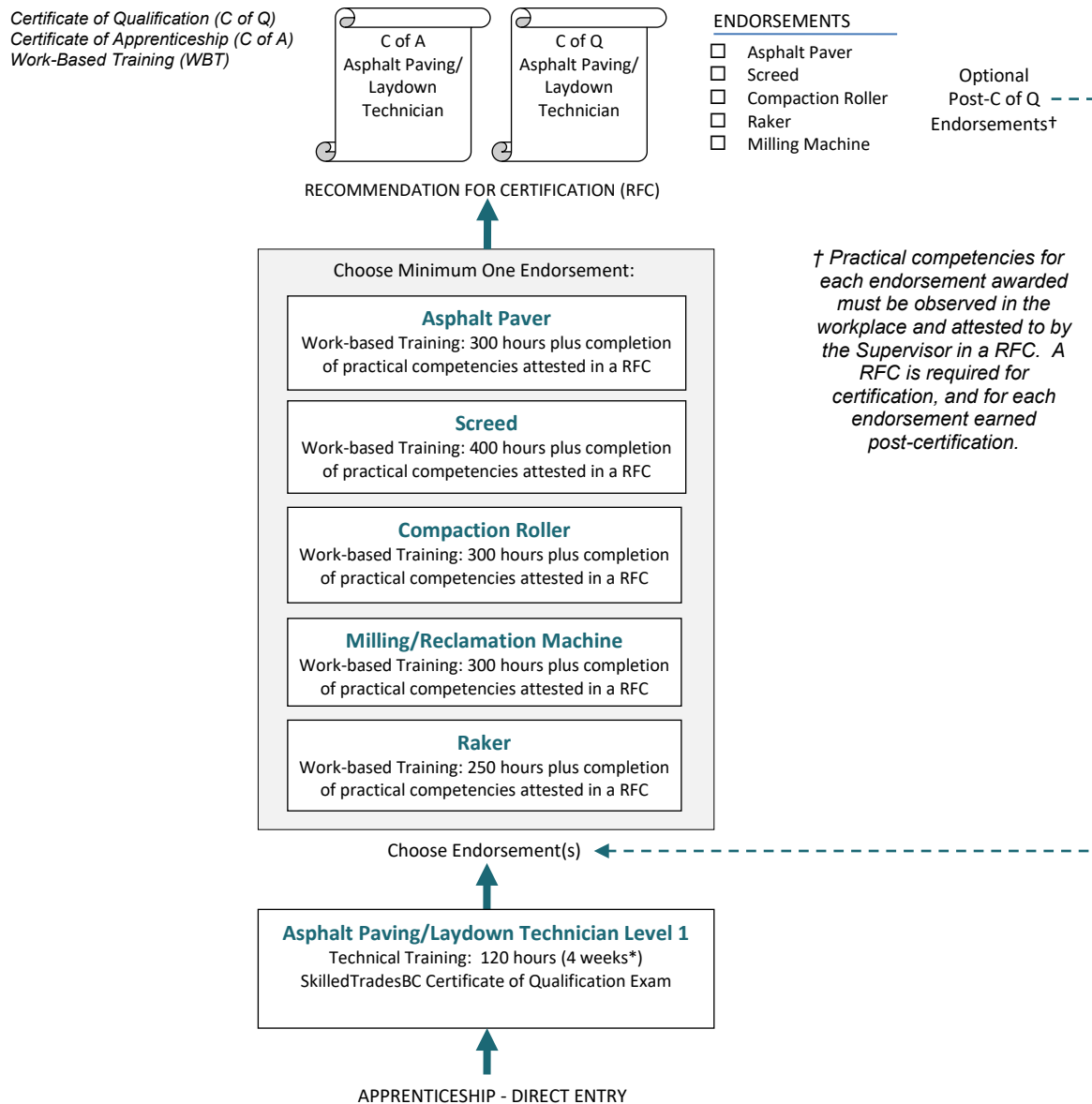
### **SkilledTradesBC Registration**

Individuals who wish to begin an apprenticeship in this program must register with SkilledTradesBC along with their sponsor. Application forms for all programs are available from the SkilledTradesBC website. Online registration is also available for most programs through the SkilledTradesBC website.

Those who wish to challenge the Asphalt Paving/Laydown Technician certification must complete the Asphalt Paving/Laydown Technician Challenge Application and submit it to SkilledTradesBC. Challenge applications are assessed for proof of workplace hours and scope of experience prior to acceptance of the individual into the Challenge pathway.

## Apprenticeship Pathway

This graphic provides an overview of the Asphalt Paving/Laydown Technician apprenticeship pathway.



\*Suggested duration based on 30-hour week

### CROSS-PROGRAM CREDITS

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

None

**Apprenticeship Program Standards**
**Credentials Awarded**

- Asphalt Paving/Laydown Technician – Certificate of Qualification
- Asphalt Paving/Laydown Technician – Certificate of Apprenticeship

**SkilledTradesBC  
Registration Prerequisites**

- Agreement signed by the employer to sponsor the apprentice

**Completion Requirements**

Certification as a Asphalt Paving/Laydown Technician is awarded upon successful completion of:

**Requirement**
**Level of Achievement Required**

Technical Training

Minimum 70% in technical training:

- 120 hours (or 4 weeks\*)

Work-Based Training

- Completion of all practical competencies and hours for a minimum of one equipment endorsement listed below

Complete minimum one endorsement

Meet minimum work-based training hours requirement for the endorsement, and achieve 100% competency rating on Recommendation for Certification:

- Asphalt Paver: 300 hours
- Screed: 400 hours
- Compaction Roller: 300 hours
- Milling/Reclamation Machine: 300 hours
- Raker: 250 hours

Recommendation for Certification

- Recommendation for Certification (RFC) signed-off by the Sponsor and/or an individual holding credentials eligible for sign-off authority showing achievement of 100% of competencies and completion of work-based training hours for at least one endorsement. Please submit the RFC form available on the website to SkilledTradesBC for assessment and verification.

SkilledTradesBC Certificate of Qualification Exam

- Minimum 70%

Additional endorsements may be earned after certification has been awarded, and added to the original Certificate of Qualification.

*(\*Assuming 30 hours in school per week)*

**Program Duration**

Duration varies depending on how training is delivered, but the program generally takes 1 year to complete.

The technical training requirement is typically met through block-release training (full-time, at school) delivered by a SkilledTradesBC-approved training provider. It can also be met through approved alternative training models (e.g., distance education, online, part-time) and/or level challenge where these options are available.

**Sign-off Authority**

Credentials eligible to sign-off on the Recommendation for Certification:

- Asphalt Paving/Laydown Technician – Certificate of Qualification

**Apprenticeship Program Standards**

**Challenging a Level**

The following levels of technical training can be challenged for advanced placement in this program:

- None

**Cross-Program Credits**

Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program

**Credential**

**Credit(s) Granted**

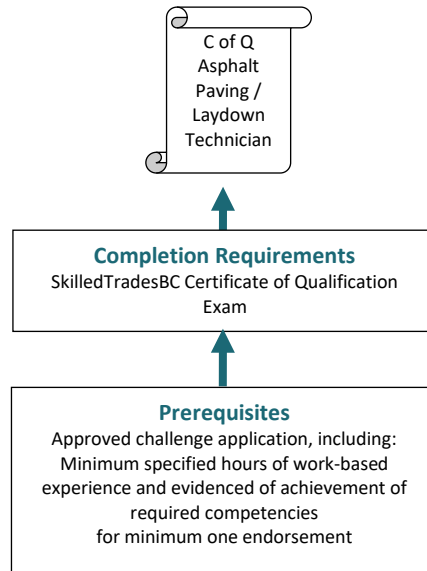
N/A

N/A

## Challenge Pathway

This graphic provides an overview of the Asphalt Paving/Laydown Technician challenge pathway.

*Certificate of Qualification (C of Q)*




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### CREDIT FOR PRIOR LEARNING

*Individuals who hold the credentials listed below are entitled to receive partial credit toward the completion requirements of this program*

*None*

### Challenge Program Standards

Credentials Awarded	Asphalt Paving/Laydown Technician – Certificate of Qualification					
SkilledTradesBC Registration Prerequisites	<p>An approved Challenge Application, which includes:</p> <ul style="list-style-type: none"><li>▪ Documented hours of directly-related experience working on a minimum of any one Asphalt Paving/Laydown Technician endorsement:<ul style="list-style-type: none"><li>○ Asphalt Paver 450 Hours</li><li>○ Screed 600 Hours</li><li>○ Compaction Roller 450 Hours</li><li>○ Milling/Reclamation Machine 450 Hours</li><li>○ Raker 375 Hours</li></ul></li><li>▪ Evidence of achievement of 100% of required competencies for each endorsement listed in the Challenge Application</li></ul>					
Credentials Entitled to Challenge	<p>Individuals who hold the credentials listed below are considered to have met the prerequisites for challenging this program</p> <ul style="list-style-type: none"><li>▪ N/A</li></ul>					
Completion Requirements	<p>Certification as a Asphalt Paving/Laydown Technician is awarded upon successful completion of:</p> <table><tr><th>Requirement</th><th>Level of Achievement Required</th></tr><tr><td>SkilledTradesBC Certificate of Qualification Exam</td><td><ul style="list-style-type: none"><li>▪ Minimum 70%</li></ul></td></tr></table>		Requirement	Level of Achievement Required	SkilledTradesBC Certificate of Qualification Exam	<ul style="list-style-type: none"><li>▪ Minimum 70%</li></ul>
Requirement	Level of Achievement Required					
SkilledTradesBC Certificate of Qualification Exam	<ul style="list-style-type: none"><li>▪ Minimum 70%</li></ul>					

**Supporting Documents**

Asphalt Paving/Laydown Technician Program Outline (2012) – Defines the full scope of knowledge and skills required to competently perform the occupation in BC. Available from the SkilledTradesBC website.

Asphalt Paving/Laydown Technician Logbook. Available through the Crown Publications Website  
[www.crownpub.bc.ca](http://www.crownpub.bc.ca)

**Contacts**

**SkilledTradesBC** manages B.C.'s industry training and apprenticeship programs. Contact SkilledTradesBC Customer service if you have any questions regarding registration, examinations or certification for this program.

Telephone: 778-328-8700

Fax: 778-328-8701

Toll Free (within BC): 1-866-660-6011

Email: [customerservice@skilledtradesbc.ca](mailto:customerservice@skilledtradesbc.ca)

Website: [www.skilledtradesbc.ca](http://www.skilledtradesbc.ca)

**Revision History**

The standards for this program were reviewed and/or updated on the dates below.

Program Standards Approved: July 2005

Updated: June 2008

Updated: February 2012

Program Profiles are updated regularly. Visit [www.skilledtradesbc.ca](http://www.skilledtradesbc.ca) for the most current version.