

## BCIB Trade Profiles

British Columbia Infrastructure Benefits Inc. (BCIB) is the provincial Crown Corporation responsible for implementing the Community Benefits Agreement (CBA) on select public infrastructure projects. The CBA prioritizes the hiring of qualified local, Indigenous peoples, women, people with disabilities and other underrepresented groups and enables a culturally competent and respectful worksite. BCIB is committed to growing and mobilizing a safe, diverse and skilled workforce and increase opportunities for apprenticeships.

When you join our database of skilled tradespeople, you gain access to a network of projects. Our goal is to help you progress in your career with consistent work closer to home.

### **Cement Mason**

Red Seal, Journey Person Cement Masons are required on the Highway 1 – Four Laning Project at the Quartz Creek Bridge project site all throughout the 2022 construction season.

#### **Job Profile Overview:**

As described by the ITA, cement masons place, finish, protect and repair concrete surfaces. They work on a variety of vertical and horizontal surfaces such as floors, walls, sidewalks, stairs, driveways, curbs and gutters, and overlays. They work on many types of structures such as buildings, dams, bridges and tunnels. They also texture, chip, grind and cure finished concrete work and repair and restore damaged concrete. They apply architectural finishes to concrete surfaces such as exposed aggregate, acid-stained, patterned-stamped, broomed, smooth finishes and etched concrete surfaces. They install expansion and contraction joints and install fixtures such as anchor bolts, steel plates and other embedments. They also apply membranes and other waterproofing products to concrete. Cement masons must possess a sound knowledge of the properties of various types of concrete mixes and how proportions, additives and curing affect concrete strength and durability. Cement masons should have a basic knowledge of constructing formwork, preparing subgrades and installing reinforcement.

#### **Working conditions and other requirements:**

- Extended shift hours, in changing weather conditions
- Busy, noisy and dusty environments on dynamic terrains with multiple trades working together.
- Will be working at elevated heights in tight constraints
- Personal Protective Equipment will be required (e.g., steel-toed safety boots, safety glasses/goggles, etc.)
- Must be willing to work nights as requested
- Construction jobs may require workers to be in good physical condition with an ability to lift heavy weight.
- Ability to follow instructions and basic design specifications
- Must have good observational skills and the ability to multitask
- Have a good understanding and the ability to follow safe work procedures
- Have good communication, interpersonal and coordination skills

#### **Experience, qualifications, and certifications that are considered an asset:**

- Valid Red Seal, Journey Person Cement Mason (Concrete Finisher) certification considered an asset

- Experience working in heavy civil construction or road building considered an asset
- Must be comfortable working from heights
- Should have experience working on bridge decking
- Strong tining skills and the ability to finish to slope
- Experience working on bridge decking
- Fall Protection, Ariel Work Platform considered an asset
- Hoisting and Rigging certification considered an asset
- Avalanche control training considered an asset
- Site Ready BC including WHMIS (details will be provided by BCIB upon employment)

### **Create a Profile with BCIB**

To apply for work opportunities with BCIB, start by creating an online profile. Once you apply and are accepted into our database, we'll contact you when an appropriate position becomes available. When you join BCIB, you're joining a community of skilled British Columbians who work on some of the most interesting projects in the province.

Go to [www.bcib.ca](http://www.bcib.ca) and click "Apply Now." If you've already created a profile, hit "Already applied?" If you have any trouble accessing your profile, please email [workforce@bcib.ca](mailto:workforce@bcib.ca) so we can help.

### **Skills Development**

BCIB works with various support organizations to bridge skill gaps among workers with different levels of experience. If there are skilled trades training opportunities which match your profile, we will contact you.