
Concrete Worker

DEFINITION

This is skilled manual labour in the construction and maintenance of concrete structures.

Work of this class involves building, setting and aligning concrete forms, placing wire mesh and concrete and applying fine concrete finishing methods in new construction and rebuilding of sidewalks, curbs, gutters, vaults, ductlines, fences, retaining walls, playground equipment foundations and related concrete structures. Responsibilities include interpreting blueprints and reading survey stakes to establish grade and estimating volume of concrete required for specific jobs. Incumbents instruct and direct a small group of labourers engaged in mixing and placing concrete, as required, particularly on larger jobs. Assignments, written or given verbally, are mainly repetitive and routine in nature with adherence to established methods and procedures, and work is frequently inspected. There is limited opportunity, however, for minor independent decision making, particularly once experience is acquired. Incumbents generally work under the immediate supervision of a foreman.

TYPICAL DUTIES*

Builds, erects and aligns forms for various concrete structures and foundations.

Estimates concrete quantities, appropriate mixes of sand and cement if concrete is hand mixed.

Instructs and directs labourers and/or personally performs duties of cutting and placing reinforcing wire mesh, preparing appropriate sand and cement mixtures and placing, pouring and rough levelling of concrete.

Fine finishes concrete by floating, trowelling, edging and brushing in accordance with specifications.

Interprets blueprints and reads survey stakes to establish correct grades.

Utilizes hand tools and non-complex small power tools and performs minor maintenance as required.

Maintains simple records.

Performs other related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Considerable knowledge of the standard methods, materials, tools and equipment used in concrete construction and maintenance.

Knowledge of the occupational hazards and safety precautions applicable to the work.

Ability to understand and execute oral and written instructions.

Ability to interpret blueprints and make simple calculations in order to read survey stakes and calculate areas and volumes.

Ability to instruct and direct the work of unskilled and semi-skilled assistants.

Ability to maintain simple accurate records.

Skill in the use and care of hand and small power tools associated with the work.

TRAINING AND EXPERIENCE REQUIREMENTSJob Level

Completion of the eighth school grade and experience in all phases of concrete work, or an equivalent combination of training and experience. Possession of a valid Alberta Class 5 Motor Vehicle Operator's License.

** This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0193			

Last Updated:

Previous Updates:

Originated:

1980-12