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## ★ OFFICIAL PROGRAM STANDARDS NOTIFICATION ★

Issued: March 22, 2011

### Program: Concrete Finisher (Cement Mason)

**To:** ITA Training Providers  
Construction Industry Training Organization (CITO)  
ACE IT School Districts

**RE:** REF: 2011 011  
UPDATE TO CONCRETE FINISHER (CEMENT MASON) PROGRAM

**Timing:** Effective: January 1, 2012

**Information:** Please be advised that an updated program standard for the Concrete Finisher (Cement Mason) apprenticeship program has been approved by the Industry Training Authority (ITA). An updated program profile and program outline is posted on the ITA website at [www.itabc.ca](http://www.itabc.ca).

Delivery of training for the Concrete Finisher (Cement Mason) apprenticeship program is to be based on the updated program outline as of January 1, 2012.

#### **Background**

The Construction Industry Training Organization (CITO) has completed the program review after extensive consultation with industry and training providers. The program review has resulted in content changes to all three levels of technical training. Training providers will need to ensure their curriculum is aligned to the competencies identified in the new program outline.

#### **Assessment**

##### **In-school Training**

Training providers delivering Concrete Finisher (Cement Mason) apprenticeship in-school technical training are required to enter the following assessment result for each apprentice in ITA Direct Access:

- An in-school mark in the form of a percentage (minimum 70% is required for a pass)

Each Level final in-school mark is derived from a combination of theory and practical assessments determined on the basis of theory, practical subject competencies and Level in-school examination. A table showing the subject competencies, Level percentage weightings and Level examination weightings are shown in the attached Grading Sheet: Subject Competencies and Weightings Tables document.

The Level in-school mark for entry in ITA Direct Access is calculated by:

- Totaling the Level theory subject competencies noted in the Grading Sheet: Subject Competencies and Weightings Tables and multiplying the total by:
  - 50% for Level 1 to produce a weighted theory result;
  - 35% for Level 2 to produce a weighting theory result; and
  - 40% for Level 3 to produce a weighting theory result.
- Totaling the Level practical subject competencies noted in the Grading Sheet: Subject Competencies and Weightings Tables and multiplying the total by:
  - 50% for Level 1 to produce a weighted practical result;
  - 65% for Level 2 to produce a weighted practical result; and
  - 60% for Level 3 to produce a weighted practical result.
- For Level 1, 2 or 3; add each Level theory and practical competency results and multiply the total by 80% to acquire the final weighted in-school result.
- For Level 1, 2 or 3; multiply the Level exam score by 20% to produce a weighted Level exam result.
- Add the final weighted in-school result with the weighted Level exam result to acquire the final Level in-school mark.

Successful completion of the in-school training for each Level is defined as an in-school mark of 70% or greater.

## ITA Standardized Level Examinations

ITA standardized Level exams for the Concrete Finisher (Cement Mason) apprenticeship program have been developed and are currently being field tested. Once finalized, these exams will replace the proprietary theory Level exams being used by training providers delivering in-school training for the Concrete Finisher (Cement Mason) apprenticeship program.

The Construction Industry Training Organization (CITO) is responsible for the administration and invigilation of exams being field tested. Field testing is being conducted by CITO at a limited number of training provider sites. Training providers will be notified when the ITA standardized Level exams are ready for use by training providers.

Questions regarding the administration of field testing should be directed to: Dave Coleman at the Construction Industry Training Organization (CITO) at [davec@bccito.ca](mailto:davec@bccito.ca) or 604-431-1994.

## Interprovincial (Red Seal) Exam

Concrete Finisher (Cement Mason) apprentices are required to write the Cement Mason Interprovincial (Red Seal) exam after completing their in-school training levels, in order to be certified. A score of 70% or greater is required for a pass.

Interprovincial (Red Seal) exams may be requested by training providers via the usual ITA procedure.

The ITA will administer and invigilate the Interprovincial (Red Seal) exam and score and record exam results in ITA Direct Access.

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Email: [dpodetz@itabc.ca](mailto:dpodetz@itabc.ca)

**Copy:** ITA Staff

## ASSESSMENT GUIDELINES

**Program:** Concrete Finisher (Cement Mason) Apprenticeship

**Requirements:** In School Training

Training providers delivering Concrete Finisher (Cement Mason) apprenticeship in-school technical training are required to enter the following assessment result for each apprentice in ITA Direct Access:

- An in-school mark in the form of a percentage (minimum 70% is required for a pass)

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  - 35% for Level 2 to produce a weighted theory result;
  - and
  - 40% for Level 3 to produce a weighted theory result.
- Totaling the Level practical subject competencies noted in the Grading Sheet: Subject Competencies and Weightings Tables and multiplying the total by:
  - 50% for Level 1 to produce a weighted practical result;
  - 65% for Level 2 to produce a weighted practical result;
  - and
  - 60% for Level 3 to produce a weighted practical result.

- For Level 1, 2 or 3; add each Level theory and practical competency results and multiply the total by 80% to acquire the final weighted in-school result.
- For Level 1, 2 or 3; multiply the Level exam score by 20% to produce a weighted Level exam result.
- Add the final weighted in-school result with the weighted level exam result to acquire the final Level in-school mark.

Successful completion of the in-school training for each Level is defined as an in-school mark of 70% or greater.

### **ITA Standardized Level Examinations**

ITA standardized Level exams for the Concrete Finisher (Cement Mason) apprenticeship program have been developed and are currently being field tested. Once finalized, these exams will replace the proprietary theory Level exams being used by training providers delivering in-school training for the Concrete Finisher (Cement Mason) apprenticeship program.

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The ITA will administer and invigilate the Interprovincial (Red Seal) exam and score and record exam results in ITA Direct Access.

<b>Program:</b>		<b>Concrete Finisher (Cement Mason) Apprenticeship</b>	
<b>In-school Training:</b>		<b>Level 1</b>	
<b>ITADirectAccess Code:</b>		<b>0030CM01</b>	
<b>Line</b>	<b>Subject Competencies</b>	<b>Theory Weighting</b>	<b>Practical Weighting</b>
A	Apply Safe Work Practices	25%	0%
B	Use of Tools and Equipment	5%	0%
C	Design and Control Concrete Mixtures	30%	0%
D	Place and Finish Concrete	35%	100%
G	Plan and Organize Work	5%	0%
	Total	100%	100%
	Level 1 individual subject competency weighting	50%	50%
	Combined theory and practical subject competency multiplied by	80%	
	Level 1 Exam score multiplied by	20%	
	Level 1 in-school mark	<b>X%</b>	

<b>Program:</b>		<b>Concrete Finisher (Cement Mason) Apprenticeship</b>	
<b>In-school Training:</b>		<b>Level 2</b>	
<b>ITADirectAccess Code:</b>		<b>0030CM02</b>	
<b>Line</b>	<b>Subject Competencies</b>	<b>Theory Weighting</b>	<b>Practical Weighting</b>
B	Use Tools and Equipment	10%	0%
D	Place and Finish Concrete	55%	75%
E	Repair Concrete	35%	25%
	Total	100%	100%
	Level 2 individual subject competency weighting	35%	65%
	Combined theory and practical subject competency multiplied by	80%	
	Level 2 Exam score multiplied by	20%	
	Level 2 in-school mark	<b>X%</b>	

<b>Program:</b>		<b>Concrete Finisher (Cement Mason) Apprenticeship</b>	
<b>In-school Training:</b>		<b>Level 3</b>	
<b>ITADirectAccess Code:</b>		<b>0030CM03</b>	
<b>Line</b>	<b>Subject competencies</b>	<b>Theory Weighting</b>	<b>Practical Weighting</b>
D	Place and Finish Concrete	65%	70%
F	Install Grout	20%	15%
G	Plan and Organize Work	15%	15%
	Total	100%	100%
	Level 3 individual subject competency weighting	40%	60%
	Combined theory and practical subject competency multiplied by	80%	
	Level 3 Exam score multiplied by	20%	
	Level 3 in-school mark	<b>X%</b>	