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★ OFFICIAL PROGRAM STANDARDS NOTIFICATION ★

Issued: September 30, 2009

Program: Ironworker – Reinforcing

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

RE: REF: 2009 014
NEW APPRENTICESHIP PROGRAM: IRONWORKER – REINFORCING

Timing: September 1, 2009

Information: Please be advised that a new apprenticeship program called Ironworker -- Reinforcing has been approved by the ITA. A program profile and a program outline for this program are posted on the ITA website at www.itabc.ca.

Background

The Ironworker – Reinforcing apprenticeship program has been approved as a Red Seal designated program and a National Occupational Analysis (NOA) for the program is available at www.red-seal.ca.

Since the approval of the Ironworker – Reinforcing as a Red Seal program, the Construction Industry Training Organization (CITO) has been working on a review of related ironworker programs in BC. This process has involved extensive consultation with industry and has resulted in the decision to transition apprentices from the Reinforcing Steel Installer apprenticeship program to the new Ironworker - Reinforcing program and then close the Reinforcing Steel Installer program.

In-School Training

The Ironworker – Reinforcing program includes 2 levels of in-school training, each consisting of 7 weeks duration.

Level 1 in-school training has been piloted and is now available for regular delivery. Level 2 in-school training will be piloted during fall 2009.

Selection of training providers for regular delivery of in-school training for the Ironworker - Reinforcing apprenticeship program will be by competitive bid. Interested training providers will need to respond to the Invitation for Proposal application or a Request for Proposal (RFP) application issued by the ITA. Applications will be posted on the BC Bid web site (www.bcbid.gov.bc.ca/open.dll.welcome).

Work-Based Training

The Ironworker – Reinforcing apprenticeship program includes a requirement of 3200 hours of work-based training.

Transition of Reinforcing Steel Installer Apprentices

All registered Reinforcing Steel Installer apprentices will be transferred over to the Ironworker – Reinforcing apprenticeship program. In addition, and based on recommendations from CITO and the ironworker industry, Reinforcing Steel Installer apprentices will be credited with Level 1 in-school training for Ironworker – Reinforcing. After the transition and prior to becoming certified, these apprentices will be required to take the Level 2 in-school training for Ironworker – Reinforcing.

A letter will be sent to all registered Reinforcing Steel Installers apprentices and their sponsors informing them of the transition to the Ironworker – Reinforcing program and advising them of the requirement for Level 2 in-school training.

Assessment

The following information applies to training providers delivering level 1 in-school training for Ironworker – Reinforcing. Information regarding assessment procedures for level 2 in-school training will be forwarded under a separate OPSN once the training has been approved for regular delivery.

Training providers delivering level 1 in-school training for the Ironworker – Reinforcing program are required to enter the following assessment result for each apprentice in ITADirectAccess:

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

The in-school mark is derived from a combination of theory and practical assessments determined on the basis of:

- Theory and practical subject competencies. A table showing the competencies and percentage weightings are shown in the attached Assessment Guidelines document.
 - The theory subject competency mark is based on 60% of the accumulated competencies.
 - The practical subject competency mark is based on 40% of the accumulated competencies.
- A standardized level examination.
 - The score on the level exam counts for 30% of the in-school mark.

The in-school mark for entry in ITADirectAccess is calculated by:

1. Producing a theory and practical competency result

- Total the theory subject competencies and multiply the total by 60% to produce a weighted theory result.
- Total the practical subject competencies and multiply the total by 40% to produce a weighted theory result.
- Add the weighted theory result and the weighted practical result together and multiply the total by 70% to produce a theory and practical competency result.

2. Producing a weighted level exam result

- Multiply the level exam score by 30% to produce a weighted level exam result.

3. Combining the theory and practical competency result with the weighted level exam result to derive the in-school mark

- Add the theory and practical competency result and the weighted level exam result together to derive the 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 Ironworker – Reinforcing 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 Ironworker – Reinforcing 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 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 or 604-431-1994.

Inter-provincial (Red Seal) Exam

Ironworker - Reinforcing apprentices are required to write the Ironworker - Reinforcing Inter-provincial (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.

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

The ITA will administer and invigilate the Inter-provincial (Red Seal) exam and score and record exam results in ITADirectAccess.

For more information contact: Doug Podetz
Industry Training Authority
Tel: (604) 214-8707
Email: dpodetz@itabc.ca

Copy: ITA Staff

ASSESSMENT GUIDELINES

Program: Ironworker - Reinforcing Apprenticeship

Requirements: In School Training

The following information applies to training providers delivering level 1 in-school training for Ironworker – Reinforcing. Information regarding assessment procedures for level 2 in-school training will be forwarded under a separate OPSN once the training has been approved for regular delivery.

Training providers delivering level 1 in-school training for Ironworker – Reinforcing are required to enter the following assessment result for each apprentice in ITADirectAccess:

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

The in-school mark is derived from a combination of theory and practical assessments determined on the basis of:

- Theory and practical subject competencies. A table showing the competencies percentage weightings are noted on page 2.
 - The theory subject competency mark is based on 60% of the accumulated competencies.
 - The practical subject competency mark is based on 40% of the accumulated competencies.
- A standardized level examination.
 - The score on the level exam counts for 30% of the in-school mark.

The in-school mark for entry in ITADirectAccess is calculated by:

1. Producing a theory and practical competency result
 - Total the theory subject competencies and multiply the total by 60% to produce a weighted theory result.
 - Total the practical subject competencies and multiply the total by 40% to produce a weighted theory result.
 - Add the weighted theory result and the weighted practical result together and multiply the total by 70% to produce a theory and practical competency result.
2. Producing a weighted exam mark
 - Multiply the exam score by 30% to arrive at a weighted level exam result.
3. Combining the theory and practical competency result with the weighted exam result to derive the in-school mark
 - Add the theory and practical competency result and the weighted exam result together to derive the in-school mark.

Successful completion of the in-school training for each level is defined as a final in-school mark of 70% or greater.

Inter-provincial (Red Seal) Exam

Ironworker - Reinforcing apprentices are required to write the Ironworker - Reinforcing Inter-provincial (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.

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

The ITA will administer and invigilate the Inter-provincial (Red Seal) exam and score and record exam results in ITADirectAccess.

Grading Sheet: Subject Competencies and Weightings Tables

Program:		Ironworker - Reinforcing Apprenticeship	
In-school Training:		Level 1	
ITADirectAccess Code:		00325RN01	
Line	Subject Competencies	Theory Weighting	Practical Weighting
A	Use of Safe Work Practices	20%	10%
B	Use of Tools and Equipment	10%	10%
C	Organize Work	10%	0%
D	Use Rigging, Hoisting and Lifting Equipment	15%	25%
E	Apply Crane Work Procedures	10%	10%
F	Apply Reinforcing Techniques	20%	35%
G	Apply Pre-stressing/Post-tensioning techniques	15%	10%
	Total	100%	100%
	Individual subject competency weighting	60%	40%
	Combined theory and practical subject competency weighting	70%	
	Level Exam weighting	30%	
	Level 1 in-school mark	X%	