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★ OFFICIAL PROGRAM STANDARDS NOTIFICATION ★

Issued: May 11, 2010

**Programs: Domestic/Commercial Gasfitter (Class B)
Gasfitter (Class A)**

To: ITA Training Providers
Construction Industry Training Organization (CITO)

**RE: REF: 2010 012
UPDATE TO DOMESTIC/COMMERCIAL GASFITTER (CLASS B)
APPRENTICESHIP PROGRAM AND APPROVAL OF NEW GASFITTER
(CLASS A) APPRENTICESHIP PROGRAM**

Timing: Effective: July 1, 2010

Information: Please be advised that an updated program standard for the Domestic/Commercial Gasfitter (Class B) apprenticeship program and a new Gasfitter (Class A) apprenticeship program have been approved by the ITA. Program profiles and program outlines for these programs are posted on the ITA website at www.itabc.ca.

Delivery of training for both programs is to be based on the posted program outlines effective July 1, 2010.

Background

The updated program standards and new program are a result of a review conducted by the Construction Industry Training Organization (CITO) and has involved extensive consultation with industry. The changes include:

- training content that represents the current needs of the gasfitter industry;
- for Domestic/Commercial Gasfitter (Class B), a modification and name change, changes to the level 1 and 2 content of in-school training and an increase in work-based training hours of 240 hours;
- for the new Gasfitter (Class A) program, a requirement of 8 weeks of in-school technical training and 3600 hours of work-based training; and,
- an apprenticeship training program structure which leads to two progressive credentials in the gasfitter industry -- Domestic/Commercial Gasfitter (Class B) and a new distinct Gasfitter (Class A). Each program results in a Certificate of Qualification.

Individuals may progress from the Domestic/Commercial Gasfitter (Class B) program to the Gasfitter (Class A) program after completing all of the program requirements and receiving their Domestic/Commercial Gasfitter (Class B) Certificate of Qualification.

Note that the ITA and the BC Safety Authority (BCSA) share responsibility for administering training and issuing qualifications for these programs. The ITA is responsible for administering the apprenticeship training for both gasfitter programs and will issue a Certificate of Apprenticeship to apprentices who successfully complete all program requirements.

The BCSA is responsible for administering Certificate of Qualification examinations and issuing the Certificate of Qualification for both programs. Please refer to the BCSA website at www.safetyauthority.ca for information on the certification process.

Apprentices are required to obtain their Certificate of Apprenticeship for either Domestic/Commercial Gasfitter (Class B) or Gasfitter (Class A) prior to acquiring the BCSA Certificate of Qualification in either program.

Assessment

In-school Training

Domestic/Commercial Gasfitter (Class B)

Training providers delivering in-school training for the Domestic/Commercial Gasfitter (Class B) apprenticeship program are required to enter the following assessment result for each apprentice in ITA DirectAccess:

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

The in-school mark is a combined theory and practical assessment determined on the basis of:

- Theory and practical subject competencies and a level exam. Note that the provision of the level exam is the responsibility of the training provider; there are no ITA standardized level exams for this program. A table showing the subject competencies and weightings for each competency is shown in the attached Assessment Guidelines document.

- The theory subject competency mark for:
 - Level 1 – is calculated based on 80% of the accumulated competencies and 20% based on the in-school level examination; and
 - Level 2 – is calculated based on 70% of the accumulated competencies and 30% based on the in-school level examination.
- The practical subject competency mark is calculated based on 100% of the accumulated competencies.
- The in-school mark for entry in ITA DirectAccess is calculated by applying a weighting of:
 - Level 1 – 63% to the final theory result and a weighting of 37% to the practical result and then adding the two results together. Refer to the Subject Competencies and Weighting Table in the Grading Sheet section of the Assessment Guidelines document.
 - Level 2 - 80% to the final theory result and a weighting of 20% to the practical result and then adding the two results together. Refer to the Subject Competencies and Weighting Table in the Grading Sheet section of the Assessment Guidelines document.

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

Gasfitter (Class A)

Training providers delivering in-school training for the Gasfitter (Class A) apprenticeship program are required to enter the following assessment result for each apprentice in ITA DirectAccess:

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

The in-school mark is a combined theory and practical assessment determined on the basis of:

- Theory and practical subject competencies and a level exam. Note that the provision of the level exam is the responsibility of the training provider; there are no ITA standardized level exams for this program.. A table showing the subject competencies and weightings for each competency is shown in the attached Assessment Guidelines document.

- The theory subject competency mark is calculated based on 70% of the accumulated competencies and 30% based on the in-school level examination; and;
- The practical subject competency mark is calculated based on 100% of the accumulated competencies.
- The in-school mark for entry in ITA DirectAccess is calculated by applying a weighting of 80% to the final theory result and a weighting of 20% to the practical result and then adding the two results together. Refer to the Subject Competencies and Weighting Table in the Grading Sheet section of the Assessment Guidelines document.

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

ITA Standardized Level Examinations

There are no ITA standardized level examinations for the Domestic/Commercial Gasfitter (Class B) and Gasfitter (Class A) programs.

Certificate of Qualification (C of Q) Examination

Apprentices are required to write a C of Q examination for Domestic/Commercial Gasfitter (Class B) and Gasfitter (Class A) after completing their in-school level training, in order to be issued a Certificate of Qualification. A score of 70% or greater is required for a pass.

The BCSA is responsible for administering the C of Q examinations for both programs and issuing the Certificate of Qualification. To request an exam session, please contact the BC Safety Authority at 1-866-566-7233 or refer to the BC Safety Authority web site – www.safetyauthority.ca for regional office contact information.

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ASSESSMENT GUIDELINES

Program: Domestic/Commercial Gasfitter (Class B) Apprenticeship
Gasfitter (Class A) Apprenticeship

Requirements: In-School Training

Domestic/Commercial Gasfitter (Class B)

Training providers delivering in-school training for the Domestic/Commercial Gasfitter (Class B) apprenticeship program are required to enter the following assessment result for each apprentice in ITA DirectAccess:

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

The in-school mark is a combined theory and practical assessment determined on the basis of:

- Theory and practical subject competencies and a level examination. Note that the provision of the level exam is the responsibility of the training provider; there are no ITA standardized level exams for this program. A table showing the subject competencies and weightings for each competency is shown in the attached Assessment Guidelines document.
 - The theory subject competency mark for:
 - Level 1 – is calculated based on 80% of the accumulated competencies and 20% based on the in-school level examination; and
 - Level 2 - is calculated based on 70% of the accumulated competencies and 30% based on the in-school level examination.
 - The practical subject competency mark is calculated based on 100% of the accumulated competencies.
- The in-school mark for entry in ITA DirectAccess is calculated by applying a weighting of:

- Level 1 – 63% to the final theory result and a weighting of 37% to the practical result and then adding the two results together. Refer to the Subject Competencies and Weighting Table in the Grading Sheet section of the Assessment Guidelines document.
- Level 2 - 80% to the final theory result and a weighting of 20% to the practical result and then adding the two results together. Refer to the Subject Competencies and Weighting Table in the Grading Sheet section of the Assessment Guidelines document.

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

Gasfitter (Class A)

Training providers delivering in-school training for the Gasfitter (Class A) apprenticeship program are required to enter the following assessment result for each apprentice in ITA DirectAccess:

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

The in-school mark is a combined theory and practical assessment determined on the basis of:

- Theory and practical subject competencies and a level examination. Note that the provision of the level exam is the responsibility of the training provider; there are no ITA standardized level exams for this program. A table showing the subject competencies and weightings for each competency is shown in the attached Assessment Guidelines document.
 - The theory subject competency mark is calculated based on 70% of the accumulated competencies and 30% based on the in-school level examination; and;
 - The practical subject competency mark is calculated based on 100% of the accumulated competencies.
- The in-school mark for entry in ITA DirectAccess is calculated by applying a weighting of 80% to the final theory result and a weighting of 20% to the practical result and then adding the two results together. Refer to the Subject Competencies and

Weighting Table in the Grading Sheet section of the Assessment Guidelines document.

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

ITA Standardized Level Examinations

There are no ITA standardized level examinations for the Domestic/Commercial Gasfitter (Class B) and Gasfitter (Class A) programs.

Certificate of Qualification (C of Q) Examination

Apprentices are required to write a C of Q examination for Domestic/Commercial Gasfitter (Class B) and Gasfitter (Class A) after completing their in-school trainings, in order to be issued a Certificate of Qualification. A score of 70% or greater is required for a pass.

The BCSA is responsible for administering the C of Q examinations for both programs and issuing the Certificate of Qualification. To request an exam session, please contact the BC Safety Authority at 1-866-566-7233 or refer to the BC Safety Authority website – www.safetyauthority.ca for regional office contact information.

Grading Sheet: Subject Competencies and Weightings Tables**Domestic/Commercial Gasfitter (Class B)**

| Program: | | Domestic/Commercial Gasfitter (Class B) | |
|-------------------------------|----------------------------------|--|----------------------------|
| | | Apprenticeship | |
| In-school Training: | | Level 1 | |
| ITA DirectAccess Code: | | 0184GF01 | |
| Line | Subject Competencies | Theory Weighting | Practical Weighting |
| A | Use of Safe Work Practices | 6% | 5% |
| B | Use of Tools and Equipment | 9% | 53% |
| C | Organize Work | 56% | 8% |
| D | Install and Service Fuel Systems | 9% | 34% |
| | In-school level 1 exam | 20% | |
| | Total | 100% | 100% |
| | Level 1 in-school mark weighting | 63% | 37% |
| | Level 1 in-school mark | X% | |

| Program: | | Domestic/Commercial Gasfitter (Class B) | |
|-------------------------------|---|--|----------------------------|
| | | Apprenticeship | |
| In-school Training: | | Level 2 | |
| ITA DirectAccess Code: | | 0184GF02 | |
| Line | Subject Competencies | Theory Weighting | Practical Weighting |
| C | Organize Work | 14% | 12% |
| D | Install and Service Fuel Systems | 20% | 20% |
| E | Install Venting and Air Supply | 11% | 0% |
| F | Install and Service Gas Equipment | 10% | 33% |
| G | Install and Service Controls and Safeguards | 15% | 35% |
| | In-school level 2 exam | 30% | |
| | Total | 100% | 100% |
| | Level 2 in-school mark weighting | 80% | 20% |
| | Level 1 in-school mark | X% | |

Gasfitter (Class A)

| Program: Gasfitter (Class A) Apprenticeship In-school Training: Level 1 ITA DirectAccess Code: 0327CG01 | | | |
|--|---|-------------------------|----------------------------|
| Line | Subject Competencies | Theory Weighting | Practical Weighting |
| A | Use Tools and Equipment | 2% | 0% |
| B | Organize Work | 15% | 6% |
| C | Install and Service Fuel Systems | 14% | 18% |
| D | Install Venting and Air Supply | 7% | 0% |
| E | Install and Service Gas Equipment | 16% | 38% |
| F | Install and Service Controls and Safeguards | 16% | 38% |
| | In-school level 1 exam | 30% | |
| | Total | 100% | 100% |
| | Level 1 in-school mark weighting | 80% | 20% |
| | Level 1 in-school mark | X% | |