

REVISION - Issued: January 31, 2013

Program: **Carpenter**

To: ITA Training Providers
BC Construction Industry Training Organization
All School Districts

RE: **OPSN 2013 003 LAUNCH OF ON-LINE STANDARDIZED LEVEL EXAMINATIONS CARPENTER LEVEL 3**

Timing: Effective March 22, 2013

Information: Please be advised that effective March 22, 2013, the Industry Training Authority (ITA) will be launching Standardized Level Examinations in an online computer-based format for Carpenter Level 3.

All Carpenter Level 3 classes completing on or after March 22, 2013 will be scheduled to write an online computer examination rather than a paper-based examination.

Training providers that deliver the Carpenter Level 3 program will be responsible for scheduling an appropriate computer laboratory facility with internet access for the planned exam date. The computer facility needs to be booked for a minimum of four hours.

The current Carpenter Level 3 examination is aligned to the 2006 BC Building Code.

On September 3, 2013 a revised Carpenter Level 3 exam and a new Carpenter Level 2 exam will be launched for online delivery. These exams will be aligned to the new 2012 BC Building Code.

Standardized Level Exams for Carpenter Level 1 and Carpenter Foundation programs will be launched at a later date. These exams will also be aligned to the 2012 BC Building Code and will be delivered online. An OPSN will be issued at a future date to advise the launch of the Level 1 and Foundation exams.

Background

In 2012, ITA made the decision to move to an online computer-based examination delivery system for ITA Standardized Level Examinations. The following three programs were selected for the initial launch:

- Carpenter - Level 3
- Millwright - Level 3
- Automotive Service Technician - Level 3 & 4

Additional ITA programs will begin writing online computer-based standardized level examinations in 2013 - 2014.

The benefits of moving to an online platform include:

- Immediate processing of exam results and a quicker turnaround for exam marks,
- Increased exam protection and security with the removal of paper-based exams,
- The ability to “scramble” questions which enhances security of the exam as questions will be presented in a different sequence for each candidate,
- Diagrams in the exams can be manipulated to clarify details, i.e., zoom-in capabilities, and
- A consistent evaluation process for all examinations with the ability to quickly modify or remove questions as required.

**Scheduling
Carpenter
Level 3 online
exams**

The Carpenter Level 3 exam should be requested by training providers via the usual ITA procedure. ITA will invigilate these exams.

Training providers are responsible for scheduling an appropriate computer laboratory facility with internet access for the planned exam date. The computer facility needs to be booked for a minimum of four hours. The computer laboratory assigned for the exam should be recorded on the ITA Examination Request form

**Calculating
Carpenter
Level 3 marks**

Instructors are expected to follow the current practice of calculating the final in-school mark and entering this mark into ITA Direct Access (ITADA) for each candidate.

ITA is responsible for entering the standard level exam marks into ITADA.

A calculation table showing the subject competencies, level percentage weightings and level examination weightings are shown in the *Grading Sheet: “Subject Competencies and Weightings”* section at the end of this document.

As the in-school mark and the exam mark are blended to arrive at a final level mark, there will be a degree of uncertainty in cases of border-line percentage results. Please refer to the ‘*Program Results and Eligibility*’ section of this document for an explanation and procedure for these cases.

**Training
Provider
Component:
In-School
Technical
Training Marks**

Training providers delivering Carpenter Level 3 in-school technical training are required to enter the following information in ITADA for each apprentice:

- An in-school mark in the form of a percentage

As per the *Grading Sheet: “Subject Competencies and Weightings”*, the in-school mark for Carpenter Level 3 is derived from a combination of theory and practical assessments within each training topic.

Carpenter Level 3 in-school marks are calculated by:

- Totaling the level theory competency results as noted in the competencies and weightings tables and multiplying the total by 60% for Level 3 to produce a weighted theory result;
- Totaling the level practical competency results as noted in the competencies and

- weightings tables and multiplying the total by 40% for Level 3 to produce a weighted practical result; and
- Adding the theory and practical competency results together to determine the final in-school result.

**ITA
Component:
Standardized
Level Exam
Marks**

ITA is responsible for entering standard level examination marks in ITADA.

ITADA automatically calculates the final mark for a level once the in-school training and standard level exam marks are entered into the system. This mark is calculated by blending the standardized level exam percentage score and the in-school technical training percentage score to determine the final mark for the level.

In-school technical training (combined theory & practical) is weighted at 80% and the ITA standardized level exam is weighted at 20%. These two scores are combined to determine the final level mark. This result is the final mark that is recorded in ITADA.

- A mark of 70% or greater is required to pass Carpenter Level 3 when the final in-school percentage score and the final ITA standardized level exam percentage score are blended.

**Program
Results and
Eligibility**

The instructor is responsible for entering the final in-school training mark in ITADA.

ITA is responsible for entering the apprentice's standard level exam marks in ITADA.

ITADA automatically blends the final in-school mark with the Carpenter Level 3 exam mark to determine the final mark for the level. Once the instructor has entered the final in-school marks in ITADA, the system calculates the final mark for the level by weighting the in-school mark at 80% and the ITA standardized level exam mark at 20%. ITADA combines these two weighted marks to determine each apprentice's Carpenter Level 3 final mark.

As the in-school mark and the exam mark are blended there will be situations where an apprentice will have to repeat one or the other component (in-school training or exam) in order to achieve the required 70% to pass Carpenter Level 3.

In the event that this does occur, the following table outlines the two scenarios an apprentice may encounter once the 80/20 blending is applied and the final mark is less than 70%.

<p>Scenario 1</p> <p>The apprentice receives less than 70% for the in-school session and 70% or greater on the Carpenter Level 3 exam resulting in a final mark of less than 70%.</p>	<p>The apprentice will:</p> <ul style="list-style-type: none"> • Re-take the Carpenter Level 3 in-school technical training • Receive credit for the exam
--	---

<p>Scenario 2</p> <p>The apprentice receives 70% or greater for the in-school session and less than 70% on the Carpenter Level 3 exam resulting in a final mark of less than 70%.</p>	<p>The apprentice will:</p> <ul style="list-style-type: none"> • Receive credit for the in-school technical training • Re-write the Carpenter Level 3 exam per ITA exam re-write policy
--	---

In cases where the apprentice receives a mark that is less than 70% for the in-school technical training and still achieves a final blended mark of 70% or greater, credit for the technical training will be granted.

**Interprovincial
(Red Seal)
Exam**

In order to achieve certification, Carpenter apprentices are required to write the Carpenter Interprovincial (Red Seal) exam after completing all levels of in-school technical training.

Apprentices must have passed all levels of in-school technical training or be approved challengers to sit the exam. A score of 70% or greater is required for a pass.

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

The ITA will administer and invigilate Interprovincial (Red Seal) exams and score and record exam results in ITADA.

**For more
information
contact:**

Cory Williams
 Manager, Program Standards
 Tel: 778-785-2430
 Email: cwilliams@itabc.ca

cc: ITA Staff

Grading Sheet: Subject Competency and Weightings - Carpenter Level 3

PROGRAM: IN-SCHOOL TRAINING: ITA DIRECT ACCESS CODE:		CARPENTER LEVEL 3 0004CA	
LINE	TRAINING TOPICS & SUGGESTED TIME ALLOCATION	THEORY WEIGHTING	PRACTICAL WEIGHTING
B	Use Documentation and Organizational Skills	22%	20%
C	Use Tools and Equipment	6%	7%
D	Use Survey Instruments	6%	12%
H	Frame Residential Housing	24%	27%
I	Apply Finishing Materials	32%	29%
J	Apply Building Science	10%	5%
	Total	100%	100%
Calculated by the Training Provider Carpenter Level 3 in-school theory & practical subject competency weighting)		60%	40%
Training Provider enters final in-school mark into ITADA		X%	

Calculated by ITA: In-school Mark ITADA calculates the percentage weighting once the in-school mark is entered. Combined theory and practical subject competency multiplied by	80%
Calculated by ITA: Standard Level Exam Mark ITADA calculates the percentage weighting once the standard level exam marks have been entered. The exam score is multiplied by	20%
Calculated by ITA: Final Mark The final mark for determining credit is calculated by ITADA (Minimum 70% is required for a pass)	FINAL%