



★ **OFFICIAL PROGRAM STANDARDS NOTIFICATION** ★

Issued: December 20, 2012

Program: ASPHALT PAVING/LAYDOWN TECHNICIAN

To: ITA Training Providers
Transportation Career Development Association (TCDA)
ACE IT School Districts

RE: REF: OPSN 2012 018
ASPHALT PAVING/LAYDOWN TECHNICIAN

Timing: Effective: Immediately

Background: In February, 2012 the ITA Standards Review Committee approved modifications to the Asphalt Paving/Laydown Technician program as recommended by the Transportation Career Development Association. These recommendations were based on extensive industry consultation with the intent to launch the APLT program before the end of March, 2013.

Information: Effective January 1, 2013, the Asphalt Paving/Laydown Technician (APLT) is to be considered active and the documents posted on the ITA web site www.itabc.ca are to be considered the standards for the program. A Program Outline and Program Profile have been posted on the ITA web site and training providers are expected to follow these standards. The technical training content for APLT apprentices in BC is detailed in the ITA Program Outline for the trade, which is available on the ITA web site at www.itabc.ca

Program standards which have been removed from the prior profile are:

1. The pre-requisite of having successfully completed the Road Builder & Heavy Construction Foundation program prior to entry in the apprenticeship Level 1 program.
2. Candidates having experience in APLT industry prior to entry in the apprenticeship Level 1 program.
3. The completion of the APLT Logbook.

Apprentices are required to complete a four week in-school technical training session, as well as complete the required practical competencies and work-based hours on one equipment endorsement. The various equipment endorsements and work-based hours for each endorsement are:

- Asphalt Paver – 300 hours
- Screed – 400 hours
- Compaction Roller – 300 hours
- Milling/Reclamation Machine – 300 hours
- Raker – 250 hours

The ITA Certificate of Qualification exam is a program completion requirement for apprentices and a mark of 70% or higher is required. Apprentices need to achieve 70% or higher on **both** the in-school portion **and** the Certificate of Qualification examination to be recognized by ITA as having successfully completed APLT technical training.

Successful apprentices that complete the requirements for technical training, Certification of Qualification and one equipment endorsement will be recognized with an ITA Certificate of Qualification and with the specific equipment endorsement. Apprentices will also receive a Certificate of Apprenticeship.

Candidates that have completed the APLT credential may acquire additional equipment endorsements by completing the practical competencies and work-based hours assigned to other pieces of equipment which are identified within the APLT program.

The APLT Certificate of Qualification exam may be requested via the usual ITA procedure. ITA will administer and invigilate these exams and score and record the exam results in ITA Direct Access. There will be no blending of the final in-school mark with the results of the exam. Apprentices who do not pass the ITA Certificate of Qualification exam (70% required) will be expected to re-write the qualification exam in accordance with ITA policy.

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ASSESSMENT GUIDELINES

Program: Asphalt Paving/Laydown Technician Apprenticeship

Requirements:

1. In-school Training

Training providers delivering APLT in-school training are required to enter the following assessment result for each apprentice in ITA DirectAccess:

- An in-school mark in the form of a percentage (a minimum of 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. The subject competencies, theory and practical percentage weightings for each competency are shown in the attached Subject Competencies and Weightings Table.
- The theory subject competency mark is calculated based on 100% of the accumulated competencies.
- The practical subject competency mark is calculated based on 100% of the accumulated competencies.
- The final in-school mark, which is entered in ITA Direct Access is, calculated by applying a weighting of 50% to the final theory result, and a weighting of 50% to the final practical result and then adding the two results together. Refer to the Subject Competencies and Weightings Table.

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

2. Certificate of Qualification (C of Q) Exam

Apprentices registered in the APLT program are required to write a Certificate of Qualification (C of Q) exam and pass with a mark of 70% or greater.

The C of Q exam may be requested by training providers via the usual ITA procedure. The ITA will administer and invigilate the C of Q exam, score and record exam results in ITA Direct Access.

Grading Sheet: Subject Competencies and Weightings Table

Program: In-School Training: ITA Direct Access Code:	Asphalt Paving/Laydown Technician apprenticeship APLT 299		
Line	Subject Competencies	Theory Weighting	Practical Weighting
A	Road Building Principles & Introduction to Paving	3%	3%
B	Asphalt Paving Safety	9%	14%
C	Asphalt Production & Products	7%	2%
D	Asphalt Environmental Considerations	5%	5%
E	Asphalt Test & Quality Control	6%	6%
F	Road Structures	6%	6%
G	End Production Specifications	8%	8%
H	Operate Milling & Reclaiming Equipment	10%	10%
I	Asphalt Paver Operation	10%	10%
J	Asphalt Screed Operation	10%	10%
K	Raking Operation	10%	10%
L	Compactor Operation	16%	16%
	Total	100%	100%
	Calculated by the training providers: APLT in-school theory & practical subject competency weighting	50%	50%
	Training providers enters final APLT in- school mark into ITA Direct Access	X%	