

RELEASE OF UPDATED TRAINING STANDARD LOG BOOK

Trade Name & Code	310T Truck and Coach Technician
Implementation Date of New Standard	February 11, 2016, released as Version 300
Implementation Plan	<ul style="list-style-type: none"> ○ Apprentices who began their apprenticeship on the former 2003 Training Standard can complete their program using that standard. ○ All apprentices with initial training agreements registered on or after February 11, 2016 must be trained to this new standard. ○ On or after February 11, 2016 any apprentice who loses his or her training standard must be trained to and completed with the new standard even if they began their apprenticeship with the 2003 version.
Impact on Curriculum Standards or Related Trades	<ul style="list-style-type: none"> ○ None
Training Standard Access	<p>As of February 11, 2016:</p> <ul style="list-style-type: none"> ○ The new Log Book will be available on the Ontario College of Trades (the 'College') website. ○ The College will mail a printed Log Book to apprentices who become new members of the Apprentices class in the Truck and Coach Technician trade when they are mailed the apprentice Statement of Membership card. ○ If the apprentice wants a copy of the Log Book before receiving the printed copy in the mail, the apprentice can download/print a copy from the College's website.
Skill(s) &/or Skill Set(s) Removed/ Merged	<ul style="list-style-type: none"> ○ In skill set 5138.0 Fuel Systems, the following three (3) skills were merged: <ul style="list-style-type: none"> ○ Diagnose and troubleshoot diesel fuel systems and components ○ Repair diesel fuel systems and components ○ Verify repair of diesel fuel systems and components <p>Rationale: The specific skills and sign-offs for diesel fuel systems were incorporated under the more general skill sign-offs for fuel systems and components. The working group felt the same skills and training are required regardless of the type of fuel system.</p> ○ In skill set 5142.0 Transmission Systems, the following three (3) skills were merged: <ul style="list-style-type: none"> ○ Diagnose and troubleshoot electronically-controlled automatic transmission systems and components ○ Repair electronically controlled automatic transmission systems and components ○ Verify and repair of electronically-controlled automatic transmission systems and components <p>Rationale: The specific skills and sign-offs for diesel fuel systems were incorporated under the more general skill sign-offs for fuel systems and components. The working</p>

	<p>group felt the same skills and training are required regardless of the type of transmission system.</p> <ul style="list-style-type: none"> ○ In skill set 5150.0 Braking Systems, the following eight (8) skills were merged: <ul style="list-style-type: none"> ○ Diagnose and troubleshoot anti-lock braking systems (ABS) and components ○ Repair ABS and components ○ Verify repair of ABS and components ○ Diagnose and troubleshoot ABS and components ○ Repair ABS and components ○ Diagnose and troubleshoot anti-skid/traction control systems and components ○ Repair anti-skid/traction control systems and components ○ Verify repair of anti-skid/traction control systems and components <p>Rationale: Similar to the skills sets for Fuel Systems and Transmission Systems, the skills and sign-offs were merged as Truck and Coach Technicians are expected to be competent on various braking systems and components and that it was not necessary to have separate sign-offs for each.</p>
<p>Optional Skills Become Mandatory</p>	<ul style="list-style-type: none"> ○ In Skill Set 5135.0 Occupational Health and Safety Procedures: <ul style="list-style-type: none"> ○ Interpret and apply service-related information ○ Practice good housekeeping in the workplace <p>Rationale: Advancement of industry requirements.</p> <ul style="list-style-type: none"> ○ In Skill Set U5149.0 Air Supply System: <ul style="list-style-type: none"> ○ Repair/Replace air supply system and components <p>Rationale: The working group felt that due to technology changes it is now necessary to have this skill signed-off.</p>
<p>Change: Mandatory to Optional</p>	<ul style="list-style-type: none"> ○ In Skill Set U5136.0 Electrical Systems - Starting And Charging: <ul style="list-style-type: none"> ○ Skill 5136.05 Repair starting systems and components <p>Rationale: Industry no longer rebuilds these systems</p> <ul style="list-style-type: none"> ○ In Skill Set 5140 Engine Management Systems: <ul style="list-style-type: none"> ○ Skill 5140.05 Diagnose and troubleshoot electronic ignition systems and components ○ Skill 5140.06 Repair electronic ignition systems and components ○ Skill 5140.07. Verify and document repair of electronic ignition systems and components <p>Rationale: No guarantee an apprentice will be exposed to gasoline-powered vehicles.</p> <ul style="list-style-type: none"> ○ In Skill Set 5151 Heating, Ventilation, Air Conditioning (HVAC) & Refrigeration Systems: <ul style="list-style-type: none"> ○ Skill 5151.05 Diagnose and troubleshoot refrigeration systems and components ○ Skill 5151.06 Repair refrigeration systems and components ○ Skill 5151.07 Verify and document repair of refrigeration systems and components <p>Rationale: The skills are cargo specific.</p> <ul style="list-style-type: none"> ○ In Skill Set 5152 Hydraulic Systems:

	<ul style="list-style-type: none"> ○ Skill 5152.01 Perform visual inspection, ○ Skill 5152.02 Diagnose and troubleshoot hydraulic systems and components, ○ Skill 5152.03 Repair hydraulic systems and components ○ Skill 5152.04 Verify and document repair of hydraulic systems and components <p>Rationale: There are still many shops that do not work in this area.</p>
Skills Moved	<ul style="list-style-type: none"> • Many skills have been re-arranged or incorporated into other areas to reflect the evolving needs of the industry.
Skill(s) or Skill Set(s) Added	<ul style="list-style-type: none"> • N/A
General Notes & Rationale	<p>The 2016 Training Standard was last updated in 2003 and was no longer reflective of industry needs. All of the changes reflect the evolution of the trade and industry’s needs. The changes from mandatory to optional status of a skill, and vice versa, affect only what the sponsor must provide training for as part of an apprentice’s workplace training. They do not affect the scope of practice of the compulsory trade (i.e., the fact that “Repair electronic ignition systems and components” is now an optional skill in the training standard does not mean that registration as an apprentice or certification as a journeyman to perform this skill on the job is optional.)</p> <ul style="list-style-type: none"> ○ While the Log Book draws on the scope of practice for 310T (section 21 of Ontario Regulation 277/11 under OCTAA), it does not add to or modify the scope of practice prescribed in regulation. ○ The scope of the trade regulates the classification of this trade as compulsory, not the Log Book.