

RELEASE OF UPDATED TRAINING STANDARD LOG BOOK

Trade Name and Code	<ul style="list-style-type: none"> • Automotive Service Technician (310S)
Implementation Date of New Standard	<ul style="list-style-type: none"> • June 4th, 2015, released as version 310S V 300
Implementation Plan	<ul style="list-style-type: none"> • Apprentices who began their apprenticeship with the January 1, 2003 version of the 310S training standard can complete their program using this standard. • All apprentices with initial training agreements registered on or after June 4th, 2015 must be trained to the new standard. • On or after June 4th, 2015, 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 Standard	<ul style="list-style-type: none"> • None
Training Standard Access	<ul style="list-style-type: none"> • As of June 4th, 2015 <ul style="list-style-type: none"> ○ The new Log Book will be available on the OCOT website. ○ OCOT will mail a printed Log Book to each apprentice who becomes a new member of their Apprentices Class in the Automotive Service Technician trade when they mail the apprentice's 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 OCOT website.
Change: Optional Skills Become Mandatory	<p>5161.12 - Repair engine block assemblies and components</p> <ul style="list-style-type: none"> • Rationale: Every technician must be competent in this skill because it involves not only internal engine components, but the engine's oil pan, seals and expansion "frost" plugs. <p>5162.02 - Diagnose and troubleshoot batteries 5162.03 - Service and boost/charge batteries</p>

	<ul style="list-style-type: none"> • Rationale: A layperson expects a technician to be able to test and troubleshoot vehicle batteries. This is a common practice of a technician. The battery is the foundation of a vehicle's electrical system and critical to the proper operation of a vehicle. Additionally, the location of many of these batteries requires the removal of specialized components and gear. <p>All five skills in skill set U5171.0 – Tires, Wheels, Rims and Hubs</p> <ul style="list-style-type: none"> • Rationale: Tire, wheel, rim and hub service is a fundamental part of automotive service repair and the starting point for many apprentices' on-the-job training. These components are increasingly more complex in their service requirements and an integral part of servicing a vehicle.
<p>Change: Mandatory Skills Become Optional</p>	<p>5174.11 - Diagnose and troubleshoot diesel emission control systems and components</p> <p>5174.12 - Repair diesel emission control systems and components</p> <p>5174.13 - Verify repair of diesel emission control systems and components</p> <ul style="list-style-type: none"> • Rationale: Diesel engines are still a small part of the industry and repairs to the emission control system are a specialty that requires additional training. An individual would need to work at a shop that exclusively repairs diesel vehicles or a dealer who services vehicles equipped with diesel engines in order to gain experience in this area.
<p>Skills Added</p>	<p>Four optional skills in new skill set U5175.0 – Hybrid Vehicle Systems</p> <ul style="list-style-type: none"> • Rationale: The shift in consumer preference and environmental awareness means there is a greater chance of servicing a hybrid vehicle than a diesel vehicle. Manufacturers are adding more hybrid technology to their product lines every year. A technician should have training in this area to be able to respond to this advance in automotive technology, but the opportunities to work on hybrid vehicles are limited, so training in these skills is optional at present.
<p>Skills Removed</p>	<ul style="list-style-type: none"> • None
<p>NOTE</p>	<ul style="list-style-type: none"> • The National Occupational Analysis (NOA) for the Automotive Service Technician was recently reviewed; the new version of the NOA is set for release in the fall of 2015. The changes made to

this Log Book are aligned with the NOA changes.

- The changes from optional to mandatory 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 "Service and boost/charge batteries" will be a mandatory skill in the training standard does not mean that performing this skill requires registration as an apprentice or certification as a journeyperson.)
 - While the Log Book draws on the scope of practice for 310S (section 10 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.
 - Work not included in the scope of practice for 310S under section 2 of Ontario Regulation 277/11 (Scope of Practice – Trades in the Motive Power Sector) continues to be excluded from the compulsory trade requirements. This includes work related to batteries, wheels and rims.