

## OFFICIAL PROGRAM STANDARDS NOTICE (OPSN)

Issued: June 22, 2023

**Programs:** Heavy Duty Equipment Technician, Truck and Transport Mechanic, Transport Trailer Technician, and Diesel Engine Mechanic

**To:** SkilledTradesBC Training Providers  
Articulation Chair  
System Liaison Person  
Youth Train in Trades School Districts

**Subject:** Updates to Heavy Mechanical Trades' Programs

**OPSN No.:** OPSN 2023 008

**Effective Date:** April 1, 2024

**Summary:** New Program Outlines and Program Profiles have been posted to the SkilledTradesBC website for [Heavy Duty Equipment Technician](#), [Truck and Transport Mechanic](#), [Transport Trailer Technician](#), and [Diesel Engine Mechanic](#). Changes were made to program content, technical training duration, work-based training hours, and challenge pathway requirements. The changes are effective **April 1, 2024**.

**Details:** Throughout 2021 and 2022, the Red Seal Occupational Standards (RSOS) for **Heavy Duty Equipment Technician, Truck and Transport Mechanic, and Transport Trailer Technician** have been reviewed and updated as part of the pan-Canadian Harmonization Initiative. The provincial Program Outlines have been updated to reflect enhanced, and new content, with minor changes to the sequencing of training topics. To support BC's Common Core training model for the Heavy Mechanical Trades, **Diesel Engine Mechanic** program content has also been updated.

Please note that BC is aligned to the harmonized trade name, number of levels, and total training hours. However, BC has not aligned to the harmonized sequence of training topics and will continue to deliver training as part of its Common Core model.

Changes to work-based training hours are as follows:

Trade	Current	New	Difference
Heavy Duty Equip. Tech.	6,360 hours	6,330 hours	A reduction of 30 hours
Truck & Transport Mech.	6,360 hours	6,330 hours	A reduction of 30 hours
Transport Trailer Tech.	3,000 hours	3,150 hours	An increase of 150 hours

Changes to technical training duration are as follows:

Trade	Level	Current	New	Difference
Heavy Duty Equip. Tech.	Level 4	120 hours (4 weeks)	150 hours (5 weeks)	An increase of 30 hours (1 week)
Truck & Transport Mech.	Level 4	120 hours (4 weeks)	150 hours (5 weeks)	An increase of 30 hours (1 week)
Transport Trailer Tech.	Level 2	120 hours (4 weeks)	150 hours (5 weeks)	An increase of 30 hours (1 week)

Changes to challenge pathway hours are as follows:

Trade	Current	New	Difference
Heavy Duty Equip. Tech.	9,540 hours	9,495 hours	A reduction of 45 hours
Truck & Transport Mech.	9,540 hours	9,495 hours	A reduction of 45 hours
Transport Trailer Tech.	4,500 hours	4,725 hours	An increase of 225 hours

**Rationale:**

At the request of industry, the Canadian Council of Directors of Apprenticeship's (CCDA) Harmonization Initiative was launched in the fall of 2013 and endorsed by the Forum of Labour Market Ministers (FLMM) in 2014. The goal of Harmonization is to substantively align apprenticeship systems across Canada by making apprenticeship training requirements more consistent in Red Seal trades.

**For more information:**

SkilledTradesBC Program Standards  
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**cc:**

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