

Marine and Outdoor Power Equipment Technician POA (2009)
Subtask to Unit Comparison

NOA Subtask		Manitoba Unit(s)
Task 1 - Uses tools and equipment.		
1.01	Uses personal protective equipment (PPE) and safety equipment.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
1.02	Uses hand tools.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
1.03	Uses power tools.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
1.04	Uses and tests diagnostic tools.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
1.05	Uses cutting and heating tools and equipment.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
1.06	Uses hoisting, lifting and securing equipment.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review

NOA Subtask		Manitoba Unit(s)
		B1 Trade Mathematics I
		B2 Trade Mathematics II
1.07	Uses measuring tools.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A4 Tools and Equipment
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 2 - Organizes work.		
2.01	Uses documentation and reference tools.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A5 Communication Skills
		A9 Trade Related Documents
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
2.02	Communicates with others.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A5 Communication Skills
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
2.03	Plans daily tasks.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A5 Communication Skills
		A9 Trade Related Documents
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 3 - Performs routine trade activities.		
3.01	Maintains safe work environment.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
3.02	Uses fasteners, sealants, adhesives and gaskets.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A7 Fasteners, Bearings and Sealants
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
3.03	Cleans parts and components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork

NOA Subtask		Manitoba Unit(s)
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
3.04	Lubricates parts and components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A6 Fluids and Lubricants
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
3.05	Maintains fluids and lubricants.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A6 Fluids and Lubricants
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
3.06	Maintains bearings/bushings and seals.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A7 Fasteners, Bearings and Sealants
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
3.07	Verifies equipment installations and repairs.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 4 - Performs engine diagnostics.		
4.01	Diagnoses two-stroke engines.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		C1 Fundamentals of Engines
		C2 Fundamentals of Two-Stroke Cycle Engines
4.02	Diagnoses four-stroke engines.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		C1 Fundamentals of Engines
		C3 Fundamentals of Four-Stroke Cycle Engines
Task 5 - Repairs engines and engine support systems.		
5.01	Repairs two-stroke engines.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness

NOA Subtask		Manitoba Unit(s)
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		C1 Fundamentals of Engines
		C2 Fundamentals of Two-Stroke Cycle Engines
5.02	Repairs four-stroke engines.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		C1 Fundamentals of Engines
		C3 Fundamentals of Four-Stroke Cycle Engines
Task 6 - Diagnoses clutches and primary drive systems.		
6.01	Diagnoses automatic clutches.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
6.02	Diagnoses manual-start systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
6.03	Diagnoses primary drive belts, pulleys and chains.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
6.04	Diagnoses manual clutches.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
Task 7 - Repairs clutches and primary drives.		
7.01	Repairs automatic clutches.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems

NOA Subtask		Manitoba Unit(s)
7.02	Repairs manual-start systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
7.03	Repairs primary drive belts, pulleys and chains.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
7.04	Repairs manual clutches.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D1 Primary Drive Systems
Task 8 - Diagnoses transmissions.		
8.01	Diagnoses constant mesh systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D2 Transmission Systems
8.02	Diagnoses variable-ratio belt transmissions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D2 Transmission Systems
8.03	Diagnoses automatic and fluid-drive transmissions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D2 Transmission Systems
Task 9 - Repairs transmissions.		
9.01	Repairs constant mesh systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II

NOA Subtask		Manitoba Unit(s)
		D2 Transmission Systems
9.02	Repairs variable-ratio belt transmissions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
9.03	Repairs automatic and fluid-drive transmissions.	D2 Transmission Systems
		A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D2 Transmission Systems
Task 10 - Diagnoses final drives.		
10.01	Diagnoses final drive shafts and gears.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
10.02	Diagnoses final drive chains, sprockets, belts and pulleys.	D3 Final Drive Systems
		A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D3 Final Drive Systems
Task 11 - Repairs final drives.		
11.01	Repairs final drive shafts and gears.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
11.02	Repairs final drive chains, sprockets, belts and pulleys.	D3 Final Drive Systems
		A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		D3 Final Drive Systems
Task 12 - Diagnoses chassis and steering systems.		
12.01	Diagnoses frames and structural components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork

NOA Subtask		Manitoba Unit(s)
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F1 Frames and Structural Components
12.02	Diagnoses manual steering systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F2 Steering Systems I
12.03	Diagnoses electronic and hydraulic steering systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F3 Steering Systems II
Task 13 - Repairs chassis and steering systems.		
13.01	Repairs frames and structural components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F1 Frames and Structural Components
13.02	Repairs manual steering systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F2 Steering Systems I
13.03	Repairs electronic and hydraulic steering systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F3 Steering Systems II
Task 14 - Diagnoses suspensions.		
14.01	Diagnoses front suspensions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F4 Suspension Systems
14.02	Diagnoses rear suspensions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness

NOA Subtask		Manitoba Unit(s)
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F4 Suspension Systems
14.03	Diagnoses wheel/tracks and undercarriages.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F6 Wheels/Tracks and Undercarriages
Task 15 - Repairs suspensions.		
15.01	Repairs front suspensions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F4 Suspension Systems
15.02	Repairs rear suspensions.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F4 Suspension Systems
15.03	Repairs wheel/tracks and undercarriages.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F6 Wheels/Tracks and Undercarriages
Task 16 - Diagnoses braking systems.		
16.01	Diagnoses hydraulic braking systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F5 Braking Systems
16.02	Diagnoses mechanical braking systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F5 Braking Systems
16.03	Diagnoses electric braking systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning

NOA Subtask		Manitoba Unit(s)
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F5 Braking Systems
Task 17 - Repairs braking systems.		
17.01	Repairs hydraulic braking systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F5 Braking Systems
17.02	Repairs mechanical braking systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F5 Braking Systems
17.03	Repairs electric braking systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		F5 Braking Systems
Task 18 - Diagnoses fuel systems.		
18.01	Diagnoses carburetors.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E1 Fuel Systems I
18.02	Diagnoses fuel injection systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E2 Fuel Systems II
18.03	Diagnoses fuel tanks and components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E1 Fuel Systems I
18.04	Diagnoses superchargers.	A1 Orientation I: Structure and Scope of Marine and

NOA Subtask		Manitoba Unit(s)
		Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E2 Fuel Systems II
18.05	Diagnoses air delivery systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E1 Fuel Systems I
Task 19 - Repairs fuel systems.		
19.01	Repairs carburetors.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E1 Fuel Systems I
19.02	Repairs fuel injection systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E2 Fuel Systems II
19.03	Repairs fuel tanks and components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E1 Fuel Systems I
19.04	Repairs superchargers.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E2 Fuel Systems II
19.05	Repairs air delivery systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E1 Fuel Systems I
Task 20 - Diagnoses exhaust systems.		

NOA Subtask		Manitoba Unit(s)
20.01	Diagnoses exhaust components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E3 Exhaust Systems I
		E4 Exhaust Systems II
20.02	Diagnoses turbochargers.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E4 Exhaust Systems II
Task 21 - Repairs exhaust systems.		
21.01	Repairs exhaust components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E3 Exhaust Systems I
		E4 Exhaust Systems II
21.02	Repairs turbochargers.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		E4 Exhaust Systems II
Task 22 - Diagnoses electrical systems.		
22.01	Diagnoses battery and charging systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G3 Batteries
		G4 Charging and Starting Systems
22.02	Diagnoses ignition systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G5 Ignition Systems I

NOA Subtask		Manitoba Unit(s)
		G6 Ignition Systems II
22.03	Diagnoses starting systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G4 Charging and Starting Systems
22.04	Diagnoses accessory components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G7 Electrical Accessories
22.05	Diagnoses computer management systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G8 Computer Management Systems
Task 23 - Repairs electrical systems.		
23.01	Repairs battery and charging systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G3 Batteries
		G4 Charging and Starting Systems
23.02	Repairs ignition systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G5 Ignition Systems I
		G6 Ignition Systems II
23.03	Repairs starting systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork

NOA Subtask		Manitoba Unit(s)
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G4 Charging and Starting Systems
23.04	Repairs accessory components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G7 Electrical Accessories
23.05	Repairs computer management systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		G1 Electrical Principles I
		G2 Electrical Principles II
		G8 Computer Management Systems
Task 24 - Diagnoses plumbing systems.		
24.01	Diagnoses pumps, hoses and components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
24.02	Diagnoses tanks and ballasts.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 25 - Repairs plumbing systems.		
25.01	Repairs pumps, hoses and components.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
25.02	Repairs tanks and ballasts.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation

NOA Subtask		Manitoba Unit(s)
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 26 - Unit assembly and rigging.		
26.01	Pre-inspects new units before assembly.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
26.02	Assembles products according to manufacturers' specifications.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 27 - Performs pre-delivery inspection (PDI).		
27.01	Performs pre-delivery adjustments.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
27.02	Explains operation of vehicle before delivery.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A8 Unit Assembly and Seasonal Preparation
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
Task 28 - Diagnoses operator controls.		
28.01	Diagnoses control boxes.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		H1 Operator Controls
28.02	Diagnoses hydraulic systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		H2 Hydraulic Systems
Task 29 - Repairs operator controls.		

NOA Subtask		Manitoba Unit(s)
29.01	Repairs control boxes.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		H1 Operator Controls
29.02	Repairs hydraulic systems.	A1 Orientation I: Structure and Scope of Marine and Outdoor Power Equipment Technician Trade Learning
		A2 Trade Safety Awareness
		A3 Orientation II: The Job of Journeywork
		A10 Pre-Provincial Review
		B1 Trade Mathematics I
		B2 Trade Mathematics II
		H2 Hydraulic Systems