

## Transport Trailer Technician RSOS (2022) Subtask to Unit Comparison

RSOS Subtask		Manitoba Unit(s)
<b>Task 1 – Performs Safety Functions.</b>		
1.01	Maintains safe work environment.	All Units of Instruction
1.02	Uses personal protective equipment (PPE) and safety equipment.	All Units of Instruction
<b>Task 2 – Uses and maintains tools and equipment.</b>		
2.01	Maintains hand, electric and pneumatic tools.	A3 Tools and Equipment B2 Tools and Equipment
2.02	Uses measuring, testing and diagnostic equipment.	A5 Engine Principles A6 Electrical Fundamentals B3 Trade Related Mathematics B8 Axle and Wheel End Assemblies I: Diagnoses/Services B9 Hydraulic Systems: Diagnoses/ Services C3 Brake Systems II: Diagnoses/Services
2.03	Uses hoisting, lifting, staging and access equipment.	A8 Hoisting and Lifting B2 Tools and Equipment B4 Suspension Systems I: Diagnoses/ Services B5 Brake Systems I: Diagnoses/Services C2 Suspension Systems II: Diagnoses/ Services C7 Heating and Refrigeration Units: Diagnoses/Services
2.04	Uses welding equipment.	A12 Welding I B10 Welding II C8 Welding III
2.05	Uses gas, plasma and arc air cutting equipment.	A12 Welding I B10 Welding II C8 Welding III
2.06	Uses electronic devices and systems for diagnostics and programming.	A6 Electrical Fundamentals B2 Tools and Equipment B8 Lighting and Wiring Systems: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services C7 Heating and Refrigeration Units: Diagnoses/Services
<b>Task 3 – Performs routine work practices.</b>		
3.01	Maintains fluids and lubricants.	A5 Engine Principles B1 Common Work Practices and Procedures
3.02	Lubricates parts and components.	A5 Engine Principles B1 Common Work Practices and Procedures
3.03	Cleans parts and components.	A5 Engine Principles B1 Common Work Practices and Procedures
3.04	Uses fasteners, sealants, adhesives and gaskets.	A5 Engine Principles B1 Common Work Practices and Procedures
3.05	Installs hoses, tubing and fittings.	B1 Common Work Practices and Procedures B9 Hydraulic Systems: Diagnoses/ Services C3 Brake Systems II: Diagnoses/Services
<b>Task 4 – Organizes work.</b>		
4.01	Uses documentation.	A1 Learning About Work A4 Trade Communications, Documents and Computer Skills C1 Journeyperson Trainer
4.02	Plans daily tasks.	A1 Learning About Work

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		A4 Trade Communications, Documents and Computer Skills C1 Journeyperson Trainer
<b>Task 5 – Uses communication and mentoring techniques.</b>		
5.01	Uses communication techniques.	A1 Learning About Work A4 Trade Communications, Documents and Computer Skills C1 Journeyperson Trainer
5.02	Uses mentoring techniques.	A1 Learning About Work A4 Trade Communications, Documents and Computer Skills C1 Journeyperson Trainer
<b>Task 6 – Diagnoses suspension systems.</b>		
6.01	Diagnoses air suspension systems.	A10 Frames, Suspensions and Structural Components C2 Suspension Systems II: Diagnoses/ Services
6.02	Diagnoses spring suspension systems.	A10 Frames, Suspensions and Structural Components B4 Suspension Systems I: Diagnoses/ Services
6.03	Diagnoses rubber suspension systems.	A10 Frames, Suspensions and Structural Components B4 Suspension Systems I: Diagnoses/ Services
<b>Task 7 – Services suspension systems.</b>		
7.01	Maintains suspension systems.	A10 Frames, Suspensions and Structural Components B4 Suspension Systems I: Diagnoses/ Services C2 Suspension Systems II: Diagnoses/ Services
7.02	Repairs air suspension systems.	C2 Suspension Systems II: Diagnoses/ Services
7.03	Repairs spring suspension systems.	B4 Suspension Systems I: Diagnoses/ Services
7.04	Repairs rubber suspension systems.	B4 Suspension Systems I: Diagnoses/ Services
<b>Task 8 – Diagnoses brake systems.</b>		
8.01	Diagnoses disc brake systems.	A7 Braking Systems and Wheel-End Safety B5 Brake Systems I: Diagnoses/Services
8.02	Diagnoses drum brake systems.	A7 Braking Systems and Wheel-End Safety B5 Brake Systems I: Diagnoses/Services B9 Hydraulic Systems: Diagnoses/ Services
8.03	Diagnoses air brake systems.	A7 Braking Systems and Wheel-End Safety C3 Brake Systems II: Diagnoses/Services
8.04	Diagnoses hydraulic brake systems.	A7 Braking Systems and Wheel-End Safety A9 Basic Hydraulic Systems B9 Hydraulic Systems: Diagnoses/ Services
8.05	Diagnoses electric brake systems.	A7 Braking Systems and Wheel-End Safety B8 Lighting and Wiring Systems: Diagnoses/Services
8.06	Diagnoses electronic braking control systems.	A7 Braking Systems and Wheel-End Safety C3 Brake Systems II: Diagnoses/Services
<b>Task 9 – Services brake systems.</b>		
9.01	Maintains brake systems.	A7 Braking Systems and Wheel-End Safety B5 Brake Systems I: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services
9.02	Repairs disc brake systems.	B5 Brake Systems I: Diagnoses/Services
9.03	Repairs drum brake systems.	B5 Brake Systems I: Diagnoses/Services B9 Hydraulic Systems: Diagnoses/ Services
9.04	Repairs air brake systems.	A7 Braking Systems and Wheel-End Safety C3 Brake Systems II: Diagnoses/Services
9.05	Repairs hydraulic brake systems.	B5 Brake Systems I: Diagnoses/Services B9 Hydraulic Systems: Diagnoses/ Services
9.06	Repairs electric brake systems.	A7 Braking Systems and Wheel-End Safety B8 Lighting and Wiring Systems: Diagnoses/Services
9.07	Repairs electronic braking control systems.	A7 Braking Systems and Wheel-End Safety C3 Brake Systems II: Diagnoses/Services

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<b>Task 10 – Diagnoses axles and wheel end assemblies.</b>		
10.01	Diagnoses fixed, self-steering and lift axles.	C4 Axles and Wheel End Assemblies II: Diagnoses/Services
10.02	Diagnoses hubs and bearings.	A7 Braking Systems and Wheel-End Safety B6 Axle and Wheel End Assemblies I: Diagnoses/Services C4 Axles and Wheel End Assemblies II: Diagnoses/Services
10.03	Diagnoses tires and rims.	A7 Braking Systems and Wheel-End Safety B6 Axle and Wheel End Assemblies I: Diagnoses/Services C4 Axles and Wheel End Assemblies II: Diagnoses/Services
<b>Task 11 – Services axles and wheel end assemblies.</b>		
11.01	Maintains axles and wheel end assemblies.	A7 Braking Systems and Wheel-End Safety B6 Axle and Wheel End Assemblies I: Diagnoses/Services C4 Axles and Wheel End Assemblies II: Diagnoses/Services
11.02	Repairs fixed axles, hubs and bearings.	A7 Braking Systems and Wheel-End Safety B6 Axle and Wheel End Assemblies I: Diagnoses/Services C4 Axles and Wheel End Assemblies II: Diagnoses/Services
11.03	Repairs self-steering and lift axles.	C4 Axles and Wheel End Assemblies II: Diagnoses/Services
11.04	Replaces tires and rims.	A7 Braking Systems and Wheel-End Safety B6 Axle and Wheel End Assemblies I: Diagnoses/Services C4 Axles and Wheel End Assemblies II: Diagnoses/Services
11.05	Repairs tires.	A7 Braking Systems and Wheel-End Safety B6 Axle and Wheel End Assemblies I: Diagnoses/Services C4 Axles and Wheel End Assemblies II: Diagnoses/Services
<b>Task 12 – Diagnoses trailer chassis and trailer bodies.</b>		
12.01	Diagnoses trailer chassis.	B7 Trailer Chassis and Bodies I: Diagnoses/Services C5 Trailer Chassis and Bodies II: Diagnoses/Services
12.02	Diagnoses trailer bodies.	B7 Trailer Chassis and Bodies I: Diagnoses/Services C5 Trailer Chassis and Bodies II: Diagnoses/Services
<b>Task 13 – Services trailer chassis and trailer bodies.</b>		
13.01	Maintains trailer chassis.	B7 Trailer Chassis and Bodies I: Diagnoses/Services C5 Trailer Chassis and Bodies II: Diagnoses/Services
13.03	Repairs trailer chassis.	B7 Trailer Chassis and Bodies I: Diagnoses/Services C5 Trailer Chassis and Bodies II: Diagnoses/Services
13.04	Maintains trailer bodies.	B7 Trailer Chassis and Bodies I: Diagnoses/Services C5 Trailer Chassis and Bodies II: Diagnoses/Services
13.06	Repairs trailer bodies.	B7 Trailer Chassis and Bodies I: Diagnoses/Services C5 Trailer Chassis and Bodies II: Diagnoses/Services
<b>Task 14 – Diagnoses coupling devices and landing gear.</b>		
14.01	Diagnoses coupling devices.	C6 Coupling Units and Landing Gear: Diagnoses/Services
14.02	Diagnoses landing gear.	C6 Coupling Units and Landing Gear: Diagnoses/Services
<b>Task 15 – Services coupling devices and landing gear.</b>		
15.01	Maintains coupling devices.	C6 Coupling Units and Landing Gear: Diagnoses/Services
15.02	Repairs coupling devices.	C6 Coupling Units and Landing Gear: Diagnoses/Services
15.03	Maintains landing gear.	C6 Coupling Units and Landing Gear: Diagnoses/Services
15.04	Repairs landing gear.	C6 Coupling Units and Landing Gear: Diagnoses/Services
<b>Task 16 – Diagnoses electric and electronic systems.</b>		
16.01	Diagnoses lighting systems.	A6 Electrical Fundamentals B8 Lighting and Wiring Systems: Diagnoses/Services
16.02	Diagnoses wiring systems.	A6 Electrical Fundamentals B8 Lighting and Wiring Systems: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services
16.03	Diagnoses trailer monitoring and control systems.	B8 Lighting and Wiring Systems: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services

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<b>Task 17 – Services electric and electronic systems.</b>		
17.01	Maintains electric and electronic systems.	B8 Lighting and Wiring Systems: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services
17.02	Repairs lighting and wiring systems.	A6 Electrical Fundamentals B8 Lighting and Wiring Systems: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services
17.03	Repairs trailer monitoring and control systems.	B8 Lighting and Wiring Systems: Diagnoses/Services C3 Brake Systems II: Diagnoses/Services
<b>Task 18 – Diagnoses hydraulic systems.</b>		
18.01	Diagnoses self-contained hydraulic systems.	A9 Basic Hydraulic Systems B9 Hydraulic Systems: Diagnoses/ Services
18.02	Diagnoses auxiliary-powered hydraulic systems.	B9 Hydraulic Systems: Diagnoses/ Services
<b>Task 19 – Services hydraulic systems.</b>		
19.01	Maintains hydraulic systems.	A9 Basic Hydraulic Systems B9 Hydraulic Systems: Diagnoses/ Services
19.02	Repairs hydraulic systems.	A9 Basic Hydraulic Systems B9 Hydraulic Systems: Diagnoses/ Services
<b>Task 20 – Diagnoses temperature control systems.</b>		
20.01	Diagnoses fuel systems.	A5 Engine Principles C7 Heating and Refrigeration Units: Diagnoses/Services
20.02	Diagnoses charging and starting systems.	A6 Electrical Fundamentals C7 Heating and Refrigeration Units: Diagnoses/Services
20.03	Diagnoses high-voltage electric, hybrid and alternative drive systems.	A2 Trade Safety Awareness B8 Lighting and Wiring Systems: Diagnoses/Services
20.04	Diagnoses refrigeration and heating systems.	A11 HVAC and Environmental Controls I C7 Heating and Refrigeration Units: Diagnoses/Services
<b>Task 21 – Services temperature control systems.</b>		
21.01	Maintains fuel systems.	A5 Engine Principles C7 Heating and Refrigeration Units: Diagnoses/Services
21.02	Repairs fuel systems.	A5 Engine Principles C7 Heating and Refrigeration Units: Diagnoses/Services
21.03	Maintains charging and starting systems.	A6 Electrical Fundamentals C7 Heating and Refrigeration Units: Diagnoses/Services
21.04	Repairs charging and starting systems.	A6 Electrical Fundamentals C7 Heating and Refrigeration Units: Diagnoses/Services
21.05	Maintains high-voltage electric, hybrid and alternative drive systems.	A2 Trade Safety Awareness B8 Lighting and Wiring Systems: Diagnoses/Services
21.06	Repairs high-voltage electric, hybrid and alternative drive systems.	A2 Trade Safety Awareness B8 Lighting and Wiring Systems: Diagnoses/Services
21.07	Maintains refrigeration and heating systems.	A11 HVAC and Environmental Controls I C7 Heating and Refrigeration Units: Diagnoses/Services
21.08	Repairs refrigeration and heating systems.	A11 HVAC and Environmental Controls I C7 Heating and Refrigeration Units: Diagnoses/Services