

Transport Trailer Technician NOA (2008) Subtask to Unit Comparison

NOA Subtask		Manitoba Unit(s)
Task 1 – Uses and maintains tools and equipment.		
1.01	Maintains hand tools.	A4 Shop/Hand/Measuring Tools and Equipment
1.02	Maintains electric and pneumatic tools.	A4 Shop/Hand/Measuring Tools and Equipment
1.03	Maintains measuring, testing and diagnostic equipment.	A4 Shop/Hand/Measuring Tools and Equipment
1.04	Uses hoisting and lifting equipment.	A4 Shop/Hand/Measuring Tools and Equipment A6 Hoisting, Lifting and Staging Equipment
1.05	Uses staging and access equipment.	A4 Shop/Hand/Measuring Tools and Equipment A6 Hoisting, Lifting and Staging Equipment
1.06	Uses personal protective equipment (PPE) and safety equipment.	A2 Trade Safety Awareness
1.07	Uses welding equipment.	A7 Welding I: Oxyacetylene, SMAW/Arc A8 Welding II: MiG/TiG
1.08	Uses gas and electric cutting equipment.	A7 Welding I: Oxyacetylene, SMAW/Arc A8 Welding II: MiG/TiG
Task 2 – Organizes work.		
2.01	Uses documentation and reference materials.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning A3 Orientation II: The Job of Journeywork A5 Communication and Computer Skills
2.02	Communicates with others.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning A3 Orientation II: The Job of Journeywork A5 Communication and Computer Skills
2.03	Maintains safe work environment.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning A3 Orientation II: The Job of Journeywork A5 Communication and Computer Skills
Task 3 – Performs routine trade activities.		
3.01	Maintains fluids and lubricants.	A2 Trade Safety Awareness A4 Shop/Hand/Measuring Tools and Equipment C2 Wheel End Assembly I C3 Wheel-Off Certification F3 Hydraulic Systems I F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS G1 Fundamentals of Heating G2 Fundamentals of Cooling
3.02	Lubricates parts and components.	C2 Wheel End Assembly I C3 Wheel-Off Certification C4 Air Ride/Spring Ride Suspension Systems and Related Components D3 Coupling Units and Landing Gear
3.03	Cleans parts and components.	C2 Wheel End Assembly I C3 Wheel-Off Certification C4 Air Ride/Spring Ride Suspension Systems and Related Components D3 Coupling Units and Landing Gear

NOA Subtask		Manitoba Unit(s)
3.04	Uses fasteners, sealants, adhesives and gaskets.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A4 Shop/Hand/Measuring Tools and Equipment
3.05	Installs hoses, tubing and fittings.	E1 Pneumatic Brake Systems I
		E2 Pneumatic Brake Systems II
		F3 Hydraulic Systems I
		F5 Hydraulic Systems II
Task 4 – Diagnoses suspension systems.		
4.01	Diagnoses air suspension systems.	C1 Suspensions I
		C5 Suspensions II
4.02	Diagnoses spring suspension systems.	C1 Suspensions I
		C5 Suspensions II
4.03	Diagnoses rubber block suspension systems.	C1 Suspensions I
		C5 Suspensions II
Task 5 – Services suspension systems.		
5.01	Maintains suspension systems.	C1 Suspensions I
		C5 Suspensions II
5.02	Repairs air suspension systems.	C5 Suspensions II
5.03	Repairs spring suspension systems.	C5 Suspensions II
5.04	Repairs rubber block suspension systems.	C5 Suspensions II
5.05	Verifies servicing of suspension systems.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		A5 Communication and Computer Skills
		C1 Suspensions I
Task 6 – Diagnoses brake systems.		
6.01	Diagnoses disc brake foundation systems.	E2 Pneumatic Brake Systems II
6.02	Diagnoses drum brake foundation systems.	E1 Pneumatic Brake Systems I
6.03	Diagnoses air brake systems.	E1 Pneumatic Brake Systems I
		E2 Pneumatic Brake Systems II
6.04	Diagnoses hydraulic brake systems.	B2 Trade Related Math II
		F3 Hydraulic Systems I
6.05	Diagnoses electric brake systems.	B1 Trade Related Math I
		F2 Electricity and Wiring I: Introduction to “Electronics”/ABS
		F4 Electricity and Wiring II: Lighting / Charging Circuitry/ABS
6.06	Diagnoses antilock brake systems (ABSs)	F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
Task 7 – Maintains brake systems.		
7.01	Maintains brake systems.	E2 Pneumatic Brake Systems II
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
7.02	Repairs disc brake foundation systems.	E2 Pneumatic Brake Systems II
7.03	Repairs drum brake foundation systems.	E1 Pneumatic Brake Systems I
		E2 Pneumatic Brake Systems II
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
7.04	Repairs air brake systems.	E1 Pneumatic Brake Systems I
		E2 Pneumatic Brake Systems II
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
7.05	Repairs hydraulic brake systems.	B2 Trade Related Math II

NOA Subtask		Manitoba Unit(s)
		F3 Hydraulic Systems I
		F5 Hydraulic Systems II
7.06	Repairs electric brake systems.	B1 Trade Related Math I
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
7.07	Repairs antilock brake systems (ABSs)	F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
7.08	Verifies servicing of brake systems.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		E1 Pneumatic Brake Systems I
		E2 Pneumatic Brake Systems II
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		F5 Hydraulic Systems II
Task 8 – Diagnoses axles and wheel end assemblies.		
8.01	Diagnoses axles.	C2 Wheel End Assembly I
		C3 Wheel-Off Certification
8.02	Diagnoses hubs.	C2 Wheel End Assembly I
		C3 Wheel-Off Certification
8.03	Diagnoses self-steering and lift axles.	C4 Air Ride/Spring Ride Suspension Systems and Related Components
		C5 Suspensions II
8.04	Diagnoses tires and rims.	C4 Air Ride/Spring Ride Suspension Systems and Related Components
		C5 Suspensions II
Task 9 – Services axles and wheel end assemblies.		
9.01	Maintains axles and wheel end assemblies.	C2 Wheel End Assembly I
		C3 Wheel-Off Certification
9.02	Repairs axles and hubs.	C2 Wheel End Assembly I
		C3 Wheel-Off Certification
		C4 Air Ride/Spring Ride Suspension Systems and Related Components
9.03	Repairs self-steering and lift axles.	C5 Suspensions II
9.04	Replaces tires and rims.	C2 Wheel End Assembly I
		C3 Wheel-Off Certification
		C4 Air Ride/Spring Ride Suspension Systems and Related Components
9.05	Repairs tires.	C2 Wheel End Assembly I
		C3 Wheel-Off Certification
		C4 Air Ride/Spring Ride Suspension Systems and Related Components
9.06	Verifies servicing of axles and wheel end assemblies.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		C2 Wheel End Assembly I
		C3 Wheel-Off Certification
		C4 Air Ride/Spring Ride Suspension Systems and Related Components
		C5 Suspensions II
Task 10 – Diagnoses trailer chassis (frames, sub-frames, slider locking mechanisms) and trailer bodies.		
10.01	Diagnoses trailer chassis (frames, sub-frames and slider locking mechanisms).	D1 Trailer Body
		D2 Van/Flatdeck Trailer Body Structures and Related Components
10.02	Diagnoses trailer bodies.	D1 Trailer Body
		D2 Van/Flatdeck Trailer Body Structures and Related Components

NOA Subtask		Manitoba Unit(s)
Task 11 – Diagnoses coupling units and landing gear.		
11.01	Diagnoses coupling units.	D3 Coupling Units and Landing Gear
11.02	Diagnoses landing gear.	D3 Coupling Units and Landing Gear
Task 12 – Services trailer chassis (frames, sub-frames, slider locking mechanisms) and trailer bodies.		
12.01	Maintains trailer chassis (frames, sub-frames, slider locking mechanisms).	D2 Van/Flatdeck Trailer Body Structures and Related Components
12.02	Maintains trailer bodies.	D2 Van/Flatdeck Trailer Body Structures and Related Components
12.03	Repairs trailer chassis (frames, sub-frames and slider locking mechanisms).	D1 Trailer Body
		D2 Van/Flatdeck Trailer Body Structures and Related Components
12.04	Repairs trailer bodies.	D1 Trailer Body
		D2 Van/Flatdeck Trailer Body Structures and Related Components
12.05	Verifies servicing of trailer chassis (frames, sub-frames and slider locking mechanisms).	D1 Trailer Body
		D2 Van/Flatdeck Trailer Body Structures and Related Components
12.06	Verifies servicing of trailer bodies.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		D1 Trailer Body
		D2 Van/Flatdeck Trailer Body Structures and Related Components
Task 13 – Services coupling units and landing gear.		
13.01	Maintains coupling units.	D3 Coupling Units and Landing Gear
13.02	Maintains landing gear.	D3 Coupling Units and Landing Gear
13.03	Repairs coupling units.	D3 Coupling Units and Landing Gear
13.04	Repairs landing gear.	D3 Coupling Units and Landing Gear
13.05	Verifies servicing of coupling units.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		D3 Coupling Units and Landing Gear
13.06	Verifies servicing of landing gear.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		B2 Trade Related Math II
		D3 Coupling Units and Landing Gear
Task 14 – Diagnoses lighting systems.		
14.01	Diagnoses lights.	B1 Trade Related Math I
		F1 Electrical Theory and Circuitry
		F2 Electricity and Wiring I: Introduction to “Electronics /ABS
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
14.02	Diagnoses wiring and connections.	B1 Trade Related Math I
		F1 Electrical Theory and Circuitry
		F2 Electricity and Wiring I: Introduction to “Electronics”/ABS
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS

Task 15 – Diagnoses hydraulic systems.		
15.01	Diagnoses self-contained hydraulic systems.	B1 Trade Related Math I
		F3 Hydraulic Systems I
		F5 Hydraulic Systems II
15.02	Diagnoses auxiliary-powered hydraulic systems.	B1 Trade Related Math I
		F3 Hydraulic Systems I
		F5 Hydraulic Systems II
Task 16 – Diagnoses trailer-mounted systems and accessories.		
16.01	Diagnoses trailer-mounted systems.	D1 Trailer Body
		D3 Coupling Units and Landing Gear
		F3 Hydraulic Systems I
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		G2 Fundamentals of Cooling
16.02	Diagnoses trailer-mounted accessories.	D1 Trailer Body
		D3 Coupling Units and Landing Gear
		F3 Hydraulic Systems I
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		G2 Fundamentals of Cooling
Task 17 – Services lighting systems.		
17.01	Maintains lighting systems.	F1 Electrical Theory and Circuitry
		F2 Electricity and Wiring I: Introduction to “Electronics”/ABS
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
17.02	Repairs lighting systems.	F1 Electrical Theory and Circuitry
		F2 Electricity and Wiring I: Introduction to “Electronics”/ABS
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
17.03	Verifies servicing of lighting systems.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		B1 Trade Related Math I
		F1 Electrical Theory and Circuitry
		F2 Electricity and Wiring I: Introduction to “Electronics”/ABS
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
Task 18 – Services hydraulic systems.		
18.01	Maintains hydraulic systems.	F3 Hydraulic Systems I
		F5 Hydraulic Systems II
18.02	Repairs hydraulic systems.	F3 Hydraulic Systems I
		F5 Hydraulic Systems II
18.03	Verifies servicing of hydraulic systems.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		F3 Hydraulic Systems I
		F5 Hydraulic Systems II
Task 19 – Services trailer-mounted systems and accessories.		
19.01	Installs trailer-mounted systems and accessories.	D1 Trailer Body
		D3 Coupling Units and Landing Gear
		F3 Hydraulic Systems I
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		G2 Fundamentals of Cooling
19.02	Maintains trailer-mounted systems and accessories.	D1 Trailer Body
		D3 Coupling Units and Landing Gear
		F3 Hydraulic Systems I

		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		G2 Fundamentals of Cooling
19.03	Repairs trailer-mounted systems and accessories.	D1 Trailer Body
		D3 Coupling Units and Landing Gear
		F3 Hydraulic Systems I
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		G2 Fundamentals of Cooling
19.04	Verifies servicing of trailer-mounted systems and accessories.	A1 Orientation I: Structure and Scope of Transport Trailer Technician Trade Learning
		A3 Orientation II: The Job of Journeywork
		D1 Trailer Body
		D3 Coupling Units and Landing Gear
		F3 Hydraulic Systems I
		F4 Electricity and Wiring II: Lighting/Charging Circuitry/ABS
		G2 Fundamentals of Cooling
Task 20 – Diagnoses heating and refrigeration units.		
20.01	Diagnoses heating units.	G1 Fundamentals of Heating
20.02	Diagnoses refrigeration units.	G2 Fundamentals of Cooling
Task 21 – Services heating and refrigeration units.		
21.01	Maintains heating units.	G1 Fundamentals of Heating
21.02	Maintains refrigeration units.	G2 Fundamentals of Cooling
21.03	Repairs heating units.	G1 Fundamentals of Heating
21.04	Repairs refrigeration units.	G2 Fundamentals of Cooling
21.05	Verifies servicing of heating and refrigeration units.	G1 Fundamentals of Heating
		G2 Fundamentals of Cooling