

Railway Car Technician (RCT) POA (2011) Subtask-to-Unit Comparison

POA Subtask		Manitoba Unit(s)
Task 1 – Uses, selects, and maintains tools and equipment.		
1.01	Maintains safe work-environment.	A2 Trade Safety Awareness
1.02	Uses Personal Protective Equipment (PPE).	A2 Trade Safety Awareness
1.03	Uses, selects, and maintains hand tools.	C1 Using RCT Tools, Equipment, and Materials
1.04	Uses, selects, and maintains power tools.	C1 Using RCT Tools, Equipment, and Materials
1.05	Uses rigging, lifting, and conveyancing equipment.	C1 Using RCT Tools, Equipment, and Materials C4 RC Rigging and Materials-Handling Practices H1 RC Hoisting Practices
1.06	Bends/fits air-, water-, and pneumatic pipes, including thread-cutting.	G2 Pipefitting for RC Projects
1.07	Uses welding and cutting equipment per applicable regulations.	C3 RCT Welding and Cutting Practices
1.08	Paints rail-equipment and components.	C6 RCT Painting Practices
1.09	Uses fasteners, adhesives, sealants, lubricants, gaskets, etc.	C1 Using RCT Tools, Equipment, and Materials
1.10	Uses computers.	B2 RCT-Trade Computer Applications
Task 2 - Organizes work.		
2.01	Communicates with others.	A1 Orientation I: Structure and Scope of Skilled RCT Trade Learning A4 Orientation II: The Job of Journeywork
2.02	Coaches and mentors apprentices.	A4 Orientation II: The Job of Journeywork
2.03	Uses technical documents.	B3 Intro Technical Drawing for RCT Projects B4 Using RC Blueprints, Schematics, and Other Technical Drawings
2.04	Interprets and complies with standards and regulatory documents.	A3 RCT Trade Standards and the Regulatory Environment
2.05	Plans daily/long-term tasks per work-assignment or project.	A1 Orientation I: Structure and Scope of Skilled RCT Trade Learning A4 Orientation II: The Job of Journeywork
Task 3 - Operates cranes and boom-trucks per applicable regulations.		
3.01	Transports and sets up cranes and hoisting equipment.	A3 RCT Trade Standards and the Regulatory Environment H1 RC Hoisting Practices
3.02	Uses load charts and engineered lift-plans to organize lift and advise crew.	B1 RCT Trade-Math Applications: A Refresher H1 RC Hoisting Practices
3.03	Executes lift.	H1 RC Hoisting Practices
Task 4 - Fabricates railcar components from metal and wood materials.		
4.01	Designs/lays out parts and components for fabrication.	C2 RCT Metalwork and Woodwork Practices C5 RCT Metal-Fabrication Practices
4.02	Executes fabrication-plan per relevant specifications.	C2 RCT Metalwork and Woodwork Practices C5 RCT Metal-Fabrication Practices
4.03	Verifies fit and finish of fabricated part/component.	C2 RCT Metalwork and Woodwork Practices C5 RCT Metal-Fabrication Practices

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Task 5 – Diagnoses and services wheel/axle assemblies.		
5.01	Diagnoses and services freight-car wheel /axle assemblies.	D1 RC Truck-Assemblies and Components
5.02	Diagnoses and services passenger-car wheel/axle assemblies.	D1 RC Truck-Assemblies and Components
Task 6 - Diagnoses and services coupling units.		
6.01	Inspects couplers, knuckles, yokes, draft-gears and associated components.	D2 RC Coupling-Systems and Draft-Systems
6.02	Selects/interprets procedural sheets per job requirements.	D2 RC Coupling-Systems and Draft-Systems
6.03	Assembles/disassembles, knuckles, yokes, draft-gears and associated components.	D2 RC Coupling-Systems and Draft-Systems
6.04	Reconditions couplers knuckles, yokes, and other equipment.	D2 RC Coupling-Systems and Draft-Systems
Task 7 - Diagnoses/services cushion units.		
7.01	Diagnoses/services centre-of-car cushion units.	D3 RC Cushion Units
7.02	Diagnoses/services end-of-car cushion units.	D3 RC Cushion Units
Task 8 - Diagnoses/services structural underframe units.		
8.01	Diagnoses/services chassis and chassis components.	D4 RC Structural-Underframe Units
8.02	Diagnoses/services centre-sill.	D4 RC Structural-Underframe Units
8.03	Diagnoses/services underframe trucks.	D4 RC Structural-Underframe Units
Task 9 - Diagnoses/services air-brakes.		
9.01	Diagnoses air-brake system and components.	E1 RC Air-Brakes
9.02	Services air-brake system and components.	E1 RC Air-Brakes
9.03	Services air-brake system consumables.	E1 RC Air-Brakes
Task 10 - Diagnoses/services hand-brakes.		
10.01	Diagnoses hand-brake system and components.	E2 RC Hand-Brakes
10.02	Services hand-brake system and components.	E2 RC Hand-Brakes
10.03	Services hand-brake system consumables.	E2 RC Hand-Brakes
10.04	Maintains access equipment.	C1 Using RCT Tools, Equipment, and Materials
Task 11 - Diagnoses/services open-top freight-car bodies.		
11.01	Diagnoses/services gondola-car components.	F1 Open-Top Freightcars
11.02	Diagnoses/services bulkhead/flat-car components.	F1 Open-Top Freightcars
11.03	Diagnoses/services intermodal/other freight-car components.	F1 Open-Top Freightcars
Task 12 - Diagnoses/services enclosed freight-car bodies.		
12.01	Diagnoses/ services hopper-car components.	F2 Enclosed Freightcars

12.02	Diagnoses/services boxcar components.	F2 Enclosed Freightcars
12.03	Diagnoses/services auto rack-car components.	F2 Enclosed Freightcars
Task 13 - Diagnoses/services miscellaneous freight-car bodies.		
13.01	Diagnoses/services tanker-car components.	F2 Enclosed Freightcars
13.02	Diagnoses/services caboose components.	F2 Enclosed Freightcars
Task 14 - Diagnoses/ services passenger-car bodies.		
14.01	Diagnoses/services baggage-car bodies.	F3 Passenger Cars I: Baggage, Coach, and Sleeper
14.02	Diagnoses/services domed (park/skyline)-car bodies.	F4 Passenger Cars II: Diner and Domed
14.03	Diagnoses/services coach-car components.	F3 Passenger Cars I: Baggage, Coach, and Sleeper
14.04	Diagnoses/services diner-car components.	F4 Passenger Cars II: Diner and Domed
14.05	Diagnoses/services sleeper-car components.	F3 Passenger Cars I: Baggage, Coach, and Sleeper
Task 15 - Diagnoses/services climate-control system and components.		
15.01	Assists in removal, reinstallation, and replacement of air-conditioning components.	G3 RC Climate-Control Systems and Components
15.02	Assists in removal, reinstallation, and replacement of heating-system components.	G3 RC Climate-Control Systems and Components
15.03	Diagnoses/services caboose-heater.	G3 RC Climate-Control Systems and Components
Task 16 - Diagnoses/services plumbing system and components.		
16.01	Diagnoses/services pumps, hoses, and related components.	G1 RC Plumbing Systems and Components
16.02	Diagnoses/services tanks, and related components.	G1 RC Plumbing Systems and Components
Task 17- Operates rerailment equipment.		
17.01	Sets up and uses rerailers (replacers).	H3 RC Rerailment Protocols and Procedures
17.02	Operates jacks to rerail cars.	H3 RC Rerailment Protocols and Procedures
17.03	Operates crane to rerail cars.	H1 RC Hoisting Practices H3 RC Rerailment Protocols and Procedures
Task 18 - Performs switching.		
18.01	Operates railcar-mover per switching assignment and yard operating rules.	H4 RC Switching Protocols and Procedures
18.02	Operates switches and derails.	H4 RC Switching Protocols and Procedures
Task 19 - Performs Certified Car Inspector (CCI) duties.		
19.01	Applies Transport Canada specifications re: CCI responsibilities.	A3 RCT Trade Standards and the Regulatory Environment H2 Certified Car Inspector (CCI) Qualification
19.02	Monitors/reports violations per regulatory requirements.	A3 RCT Trade Standards and the Regulatory Environment H2 Certified Car Inspector (CCI) Qualification
19.03	Participates in joint inspection procedure to identify defects and remedies.	A3 RCT Trade Standards and the Regulatory Environment H2 Certified Car Inspector (CCI) Qualification