

Recreational Vehicle Service Technician

On-the-Job Checklist



	Level 1	Page 1/2
Red Seal Tasks	On-The-Job Duties	Completed
Performs safety-related activities	Select & wear safety glasses, steel toed boots & fall protection	<input type="checkbox"/>
	Maintain a clean work area free of tripping hazards	<input type="checkbox"/>
Uses & maintains tools & equipment	Clean & lubricate air tools	<input type="checkbox"/>
	Inspect for defects & maintain cutting & drilling tools	<input type="checkbox"/>
Performs common work practices & procedures	Document the issue, repair & solution for a job task	<input type="checkbox"/>
	Interpret recall notices	<input type="checkbox"/>
	Document issues, serial numbers & file for warranty	<input type="checkbox"/>
Uses communication & mentoring techniques	Reflect & respond professionally verbally & in written form	<input type="checkbox"/>
Diagnoses plumbing systems	Confirm customer concern on work order to isolate problem	<input type="checkbox"/>
	Secure the area & ensure no contamination to person or safety of area	<input type="checkbox"/>
Services potable water systems	Flush system & maintain integrity of system	<input type="checkbox"/>
	Perform water leak test & determine cause of issue	<input type="checkbox"/>
	Use crimpers, cutters & hand tools	<input type="checkbox"/>
Services waste water systems	Winterize & de-winterize waste water system	<input type="checkbox"/>
	Replace gate valves & P-traps	<input type="checkbox"/>
	Install valves, plastic fittings & pipes	<input type="checkbox"/>
Services AC electrical systems	Inspect shore power cords	<input type="checkbox"/>
Services DC electrical systems	Clean & inspect DC system components & connections	<input type="checkbox"/>
Services LP gas systems	Check regulator pressure	<input type="checkbox"/>
Services water heaters	Check water supply systems for water heater	<input type="checkbox"/>
Services furnaces	Disconnect AC, DC, LP gas, water & diesel systems	<input type="checkbox"/>

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	Level 1	Page 2/2
Red Seal Tasks	On-The-Job Duties	Completed
Services cooktops & ranges	Clean & adjust burners, pilots, valves, electrodes, thermostats & igniters	<input type="checkbox"/>
Services refrigerators & ice makers	Clean & adjust high limit switches, gas valves & electrodes	<input type="checkbox"/>
Services air conditioners & heat pumps	Clean cooling coils, condenser & evaporator fins	<input type="checkbox"/>
Services consumer products	Modify interior & exterior components	<input type="checkbox"/>
	Connect entertainment, safety, convenience & navigation systems	<input type="checkbox"/>
Diagnoses frames & mechanical components	Inspect frame for alignment	<input type="checkbox"/>
	Interpret cupping, feathering, outer & inner tire wear	<input type="checkbox"/>
	Inspect levelling system, wiring connections, gauge & routing	<input type="checkbox"/>
	Check slide-out seals & sweeps for cracks & damage	<input type="checkbox"/>
	Determine poor maintenance, defective parts & poor alignment	<input type="checkbox"/>
Services frames	Clean frame components	<input type="checkbox"/>
Services running gear	Clean & repack bearings, & replace grease seals	<input type="checkbox"/>
	Bleed & flush hydraulic trailer brakes	<input type="checkbox"/>
Services levelling systems	Lubricate levelling system components	<input type="checkbox"/>
Services slide-out systems	Verify slide-out system operation	<input type="checkbox"/>
Services lifting systems	Select & use multimeters, load tester, hand tools, power tools & shop tools	<input type="checkbox"/>
Services tow vehicle systems	Inspect tow vehicle wiring	<input type="checkbox"/>
Services towed vehicle systems	Inspect towed vehicle system components for wear, corrosion & lack of lubrication	<input type="checkbox"/>

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On-the-Job Checklist



	Level 2	Page 1/2
Red Seal Tasks	On-The-Job Duties	Completed
Performs common work practices & procedures	Sketch modifications of repairs, LP gas systems & electrical systems	<input type="checkbox"/>
Diagnoses electrical systems	Inspect AC system wiring, receptacles & inverters for corrosion or damage	<input type="checkbox"/>
	Perform specific gravity or load test & water level on battery	<input type="checkbox"/>
Services AC electrical systems	Clean inverters (blow off with compressed air)	<input type="checkbox"/>
	Repair or replace AC system cords, switches, breakers, connectors or conductors	<input type="checkbox"/>
	Calculate electrical load, demand & material required	<input type="checkbox"/>
Services DC electrical systems	Maintain batteries	<input type="checkbox"/>
	Rewire damaged DC circuits	<input type="checkbox"/>
	Install DC system breakers, receptacles, converters, solar panels & batteries	<input type="checkbox"/>
Diagnoses LP gas systems	Perform leak test, fuel level test & locate LP gas leaks	<input type="checkbox"/>
	Determine LP gas contaminants, punctured lines & defective components	<input type="checkbox"/>
Services LP gas systems	Verify regulator adjustments	<input type="checkbox"/>
	Perform drop pressure test & adjust pressure	<input type="checkbox"/>
	Perform lockup, sensory indicator & working pressure tests	<input type="checkbox"/>
Diagnoses appliances	Verify by-pass, mixing & check valves	<input type="checkbox"/>
	Inspect combustion chambers & related components	<input type="checkbox"/>
	Inspect burners, pilots, valves, air shutters, igniters for defects & poor installation	<input type="checkbox"/>
	Identify worn & damaged thermostats, circuit boards & high limit	<input type="checkbox"/>
	Power supply is measured according to component placement & customer needs	<input type="checkbox"/>

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	Level 2	Page 2/2
Red Seal Tasks	On-The-Job Duties	Completed
Services water heaters	Test operation of water heater	<input type="checkbox"/>
	Adjust air shutter on burner tube	<input type="checkbox"/>
	Insert, secure & seal water heaters	<input type="checkbox"/>
Services furnaces	Test high limit switches, micro switches, gas valves & thermocouples	<input type="checkbox"/>
	Adjust electrodes	<input type="checkbox"/>
	Insert, secure & seal furnaces	<input type="checkbox"/>
Services cooktops & ranges	Verify cooktop, range & oven operation	<input type="checkbox"/>
	Replace cooktops, ranges, & their components	<input type="checkbox"/>
	Identify & lay out location of installation	<input type="checkbox"/>
Services refrigerators & ice makers	Verify refrigerator & ice maker operation	<input type="checkbox"/>
	Add or modify venting	<input type="checkbox"/>
	Identify & secure layout location of installation	<input type="checkbox"/>
Diagnoses interior & exterior components	Determine cause of binding, moisture & physical damage, delamination & misuse	<input type="checkbox"/>
	Inspect sidewalls, roof, sub floor structures, sealants, doors, mouldings & windows	<input type="checkbox"/>
Services interior components	Adjust hardware, door & trims	<input type="checkbox"/>
	Replace upholstery, valances, blinds, curtains, furniture, snaps & buttons	<input type="checkbox"/>
	Measure, lay out & cut wall panels, ceiling panels & flooring	<input type="checkbox"/>
Services exterior components	Lubricate exterior components	<input type="checkbox"/>
	Replace joists, studs, rafters, ducting & insulation	<input type="checkbox"/>
	Position, level & secure ladders, windows, siding, doors, steps & slide outs	<input type="checkbox"/>

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On-the-Job Checklist



	Level 3	Page 1/2
Red Seal Tasks	On-The-Job Duties	Completed
Performs common work practices & procedures	Perform metric & imperial conversions	<input type="checkbox"/>
Uses communication & mentoring techniques	Give support & corrective feedback	<input type="checkbox"/>
Diagnoses electrical systems	Check ignition, ohms, volts, hertz & fuel flow	<input type="checkbox"/>
Services AC electrical systems	Perform hot skin test, GFCI check & sensory indicators check	<input type="checkbox"/>
	Rewire damaged circuits	<input type="checkbox"/>
	Verify switch, breaker, receptacle, inverter & conductor operation	<input type="checkbox"/>
Services DC electrical systems	Verify remote control devices, CANbus, WiFi & Bluetooth connections	<input type="checkbox"/>
	Repair remote control devices, CANbus, WiFi & Bluetooth connections	<input type="checkbox"/>
	Verify DC power supply & distribution system operation	<input type="checkbox"/>
Services generators	Verify generator operation	<input type="checkbox"/>
	Ensure exhaust system is installed to allow venting	<input type="checkbox"/>
Diagnoses appliances	Verify operation of furnace components	<input type="checkbox"/>
	Perform test by cycling unit & test thermostat	<input type="checkbox"/>
	Measure temperatures of refrigerator, freezer compartments & cooling unit	<input type="checkbox"/>
	Inspect capacitors, motors, relays, control units, condensers & evaporators	<input type="checkbox"/>
Services furnaces	Perform LP gas, diesel, airflow, & glycol mixture tests	<input type="checkbox"/>
	Add & modify ducting & venting	<input type="checkbox"/>
	Install ducting & venting	<input type="checkbox"/>
Services consumer products	Verify AC/DC, LP gas & water supply systems	<input type="checkbox"/>
	Verify operation of ducting, venting, electrical, gas, mounting hardware & plumbing	<input type="checkbox"/>

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On-the-Job Checklist



	Level 3	Page 2/2
Red Seal Tasks	On-The-Job Duties	Completed
Services refrigerators & ice makers	Measure & calibrate gas pressure	<input type="checkbox"/>
	Verify repair of refrigerator & ice maker	<input type="checkbox"/>
	Insert, secure & seal refrigerators & ice makers	<input type="checkbox"/>
Services air conditioners & heat pumps	Clean return air filters	<input type="checkbox"/>
	Verify repair of air conditioners & heat pumps	<input type="checkbox"/>
	Install & wire thermostats	<input type="checkbox"/>
Diagnoses frames & mechanical components	Determine servicing required (painting, couplers, bumpers & pins)	<input type="checkbox"/>
	Inspect hydraulic brakes	<input type="checkbox"/>
	Determine replacing or servicing jacks, fittings, hoses, & electrical levelling systems	<input type="checkbox"/>
	Check cables, gears, pulleys, tubes, rollers & hydraulics	<input type="checkbox"/>
	Determine replacing or servicing cylinders, cables, cranks, motors & winches	<input type="checkbox"/>
Services frames	Verify outriggers, couplers, jacks, floor mounts, steps, bumpers & pin box operation	<input type="checkbox"/>
Services levelling systems	Replace, repair or calibrate levelling system components	<input type="checkbox"/>
	Position & secure levelling system components	<input type="checkbox"/>
Services slide-out systems	Drain, flush or fill hydraulic fluid reservoirs	<input type="checkbox"/>
Services lifting systems	Re-align & verify repair of lifting system	<input type="checkbox"/>
Diagnoses towing systems	Determine replacing or servicing connectors, hitches, & braking system components	<input type="checkbox"/>
Services tow vehicle systems	Verify tow vehicle hitching, braking & lighting operation & setup	<input type="checkbox"/>
	Install tow vehicle system hitching, braking & lighting	<input type="checkbox"/>
Services towed vehicle systems	Verify towed vehicle hitching, braking, lighting & setup	<input type="checkbox"/>
	Determine installation strategy based on component & customer needs	<input type="checkbox"/>

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Information Regarding the Checklist

Saskatchewan Apprenticeship and Trade Certification Commission's (SATCCs) On-The-Job Checklist provides a complete list of trade-specific Red Seal tasks for apprentices to complete under the supervision of a journeyperson. This work should be completed prior to attending the technical training level under which the duties are listed (e.g. Level 1 completed prior to attending Level 1 technical training).

Completing this checklist will ensure that apprentices are exposed to the full scope of a particular Red Seal trade throughout their apprenticeship program. It will also help prepare apprentices for each level of technical training by performing work on-the-job relating specifically to topics covered later on. The trade-specific tasks listed have been reviewed by certified journeypersons in Saskatchewan for their accuracy and have been set to an appropriate skill level.

An apprentice spends approximately 85% of their apprenticeship term training on-the-job. It is both the apprentice's and the employer's or journeyperson's responsibility to supervise an apprentice's practical skills development during their program.

To promote transparency and consistency, this document aligns with the 2022 Recreational Vehicle Service Technician Red Seal Occupational Standard (Employment and Social Development Canada).

A complete version of the Occupational Standard can be found at www.red-seal.ca

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