

# Work Experience Form Automotive Service Technician

### 2011 - National Occupational Analysis (NOA)

1-877-978-7233 v

www.manitoba.ca/tradecareers

#### Personal Information (please print)

Legal First Name	Middle Initial	Legal Last Name	Birth Date (yy/mm/dd
Address		City/Town	Postal Code
Home or Cell Phone	Business Phone	E-mail address	Fax #

#### Eligibility Requirements

In order for Trades Qualifiers (TQ) to be approved to challenge the certification exam or for Designated Trainers (DT) to be approved to register apprentices, you must have worked both a minimum of 6 years and accumulated 10,800 hours, as well as acquired at least 70% scope of the trade.

#### Check the box you are applying for

□ Trades Qualifier (Experienced tradesperson being assessed to challenge the certification exam)
□ Designated Trainer (Experienced tradesperson being assessed to register apprentices)

\* We encourage all Designated Trainers interested in receiving a Certificate of Qualification (trade ticket) to apply to challenge the exam through the Trades Qualification process. The application can be found at: http://www.gov.mb.ca/wdis/apprenticeship/generalinfo/forms.html.

#### Instructions

You are about to complete the Work Experience Form (WEF) which is based on the sub-tasks outlined in the National Occupational Analysis (NOA). The NOA provides detailed information that will assist you when completing the WEF and is your best source for identifying any training gaps.

If you have difficulty understanding the detailed break-down of the subtasks, go to the Red Seal website at: **www.red-seal.ca**. Under the Resource Centre drop-down menu, select National Occupational Analyses, then click on Consult a Trade's NOA. Select your trade from the list, then click on the PDF. If more than one NOA is listed for your trade, choose the NOA that the exam is based on and download that version.

Rate your experience for each sub-task based on the scale below. The number of questions in each section of the certification exam is identified next to each Block title. How you assess yourself is an important step to prepare for the certification exam.

Circle #0 if I have no experience doing this.

Circle #1 if I have a little experience doing this.

Circle #2 if I have some experience doing this with help.

Circle #3 if I have some experience doing this alone and unaided.

Brandon

204-726-6365

Fax 204-726-6912

340-9th St.

R7A 6C2

Circle #4 if I have frequently done this.

Circle #5 if I have extensive experience doing this.

Sign and date the completed Work Experience Form and return it to Apprenticeship Manitoba with either the Trades Qualification or Designated Trainer application form and related documents. Keep one copy of the Work Experience Form for your records.

Thompson

204-677 -6346

**R8N 0N3** 

118-3 Station Rd.

ax 204-677-6689

Winnipeg

204-945-333

Fax 204-948-2346

**R3B 0T4** 

100 -111 Lombard Ave.

Rev. 08/16

Manitoba

### Block A Occupational Skills (6 Questions)

Task	Sub-Tasks	Rating
1. Uses and maintains tools and equipment.	1.01 Maintains tools and equipment.	012345
	1.02 Uses hoisting and lifting equipment.	012345
	1.03 Uses personal protective equipment (PPE) and safety equipment.	012345

Task	Sub-Tasks	Rating
2. Performs common trade activities.	2.01 Uses technical information.	012345
	2.02 Estimates preliminary job cost.	012345
	2.03 Maintains safe work environment.	012345

# Block B ENGINE AND ENGINE SUPPORT SYSTEMS (21 Questions)

Task	Sub-Tasks	Rating
3. Diagnoses engine systems.	3.01 Diagnoses cooling systems.	012345
	3.02 Diagnoses lubricating systems.	012345
	3.03 Diagnoses base engine.	012345

Task	Sub-Tasks	Rating
4. Repairs engine systems.	4.01 Repairs cooling systems.	012345
	4.02 Repairs lubricating systems.	012345
	4.03 Repairs base engine.	012345

Task	Sub-Tasks	Rating
5. Diagnoses engine support systems.	5.01 Diagnoses fuel delivery systems.	012345

5.02 Diagnoses ignition systems.	012345
5.03 Diagnoses intake/exhaust systems.	012345
5.04 Diagnoses emission systems.	012345
5.05 Diagnoses accessory drive systems and mounts.	012345
5.06 Diagnoses diesel engine support systems.	012345

Task	Sub-Tasks	Rating
6. Repairs engine support systems.	6.01 Repairs gasoline delivery systems.	012345
	6.02 Repairs ignition systems.	012345
	6.03 Repairs intake/exhaust systems.	012345
	6.04 Repairs emission systems.	012345
	6.05 Repairs accessory drive systems and mounts.	012345
	6.06 Repairs diesel engine support systems.	012345

### Block C Vehicle Management Systems (20 Questions)

Task	Sub-Tasks	Rating
7. Diagnoses vehicle management systems.	7.01 Reads diagnostic trouble codes (DTCs).	012345
	7.02 Monitors parameters.	012345
	7.03 Interprets test results.	012345
	7.04 Tests system circuitry and components.	012345

Task	Sub-Tasks	Rating
8. Repairs vehicle management systems.	8.01 Updates component software.	012345
	8.02 Replaces components.	012345
	8.03 Verifies vehicle management system repair.	012345

### Block D Drive Line Systems (19 Questions)

Task	Sub-Tasks	Rating
9. Diagnoses drive line systems.	9.01 Diagnoses drive shafts and axles.	012345
	9.02 Diagnoses manual transmissions/transaxles.	012345
	9.03 Diagnoses automatic transmissions/transaxles.	012345
	9.04 Diagnoses clutches.	012345
	9.05 Diagnoses transfer cases.	012345
	9.06 Diagnoses final drive assemblies.	012345

Task	Sub-Tasks	Rating
10. Repairs drive line systems.	10.01 Repairs drive shafts and axles.	012345
	10.02 Repairs manual transmissions/transaxles.	012345
	10.03 Repairs automatic transmissions/transaxles.	012345
	10.04 Repairs clutches.	012345
	10.05 Repairs transfer cases.	012345
	10.06 Repairs final drive assemblies.	012345

# Block E Electrical and Comfort Control Systems (21 Questions)

Task	Sub-Tasks	Rating
11. Diagnoses electrical systems and components.	11.01 Diagnoses starting/charging systems and batteries.	012345
	11.02 Diagnoses basic wiring and electrical systems.	012345
	11.03 Diagnoses lighting and wiper systems.	012345
	11.04 Diagnoses entertainment systems.	012345
	11.05 Diagnoses electrical options.	012345
	11.06 Diagnoses instrumentation and information displays.	012345
	11.07 Diagnoses electrical accessories.	012345

Task	Sub-Tasks	Rating
12. Repairs electrical systems and components.	12.01 Repairs starting/charging systems and batteries.	012345
	12.02 Repairs basic wiring and electrical systems.	012345
	12.03 Repairs lighting and wiper systems.	012345
	12.04 Repairs entertainment systems.	012345
	12.05 Repairs electrical options.	012345
	12.06 Repairs electrical accessories.	012345
	12.07 Installs electrical accessories.	012345
	12.08 Repairs instrumentation and information displays.	012345

13. Diagnoses heating, ventilation and cooling (HVAC) and comfort control systems.	13.01 Diagnoses air flow control systems.	012345
	13.02 Diagnoses refrigerant systems.	012345
	13.03 Diagnoses heating systems.	012345

14. Repairs heating, ventilation and cooling (HVAC) and comfort control systems.	14.01 Repairs air flow control systems.	012345
	14.02 Repairs refrigerant systems.	012345
	14.03 Repairs heating systems.	012345

### Block F Steering and Suspension, Braking, Control Systems, Tires, Hubs and Wheel Bearings (24 Questions)

15. Diagnoses steering and suspension, braking, control systems, tires, wheels, hubs and wheel bearings.	15.01 Diagnoses steering, suspension and control systems.	012345
	15.02 Diagnoses braking and control systems.	012345

15.03 Diagnoses tires, wheels, hubs and wheel bearings. 01 2 3 4
--

16. Repairs steering and suspension, braking, control systems, tires, wheels, hubs and wheel bearings.	16.01 Repairs steering, suspension and control systems.	012345
	16.02 Repairs braking and control systems.	012345
	16.03 Repairs tires, wheels, hubs and wheel bearings.	012345

# Block G Body Components, Trim, and Restraint Systems (7 Questions)

17. Diagnoses body components, trim and restraint systems.	17.01 Diagnoses restraint systems.	012345
	17.02 Diagnoses wind noise, rattles and water leaks.	012345
	17.03 Diagnoses interior and exterior components and trim.	012345
	17.04 Diagnoses latches, locks and movable glass.	012345

18. Repairs body components, trim, restraint systems and installed accessories.	18.01 Repairs restraint systems.	012345
	18.02 Repairs problems with wind noise, rattles and water leaks.	012345
	18.03 Repairs interior and exterior components and trim.	012345
	18.04 Repairs latches, locks and movable glass.	012345
	18.05 Installs interior and exterior accessories.	012345

# Block H Hybrid And Alternate Fuel Systems (7 Questions)

19. Diagnoses hybrid and alternate fuel systems.	19.01 Implements hybrid safety protocols.	012345
	19.02 Diagnoses hybrid systems.	012345

	19.03 Diagnoses alternate fuel systems.	012345
--	---	--------

20. Repairs hybrid and alternate fuel systems.	20.01 Repairs hybrid systems.	012345
	20.02 Repairs alternate fuel systems.	012345

Name (please print)

Signatura	

Apprenticeship Manitoba 100 -111 Lombard Ave. Winnipeg, MB, R3B 0T4

(204) 945-3337 (Phone)	1-877-978-7233 (Toll Free in Manitoba)	(204) 948-2346 (Fax)
------------------------	--	----------------------