

Work Experience Form Ironworker (Generalist)

2015 - National Occupational Analysis (NOA)

1-877-978-7233 www.i

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 4.5 years and accumulated 8,100 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.

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.

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Manitoba

Brandon 340-9th St. R7A 6C2 204-726-6365 Fax 204-726-6912 Thompson 118-3 Station Rd. R8N 0N3 204-677 -6346 Fax 204-677-6689 Winnipeg 100 -111 Lombard Ave. R3B 0T4 204-945-3337 Fax 204-948-2346

Block A Occupational Skills (15 Questions)

Task	Sub-Tasks	Rating
1. Interprets occupational documen- tation.	1.01 Interprets drawings and specifications.	012345
	1.02 Interprets standards, regulations and procedures.	012345

Task	Sub-Tasks	Rating
2. Communicates in the workplace.	2.01 Communicates with co-workers.	012345
	2.02 Communicates with others.	012345
	2.03 Communicates with apprentices.	012345
	2.04 Uses hand signals.	012345
	2.05 Communicates electronically.	012345

Task	Sub-Tasks	Rating
3. Uses and maintains tools and equipment.	3.01 Uses hand tools and measuring equipment.	012345
	3.02 Uses power tools.	012345
	3.03 Uses bending tools and equipment.	012345
	3.04 Uses powder-actuated tools.	012345
	3.05 Uses aerial work platforms.	012345
	3.06 Uses ladders.	012345
	3.07 Uses scaffolding.	012345
	3.08 Uses personal protective equipment (PPE).	012345
	3.09 Uses surveying equipment.	012345
	3.10 Uses welding equipment.	012345
	3.11 Uses thermal and oxy-fuel cutting equipment.	012345

Task	Sub-Tasks	Rating
4. Organizes work.	4.01 Organizes materials and supplies.	012345
	4.02 Marks layouts.	012345
	4.03 Maintains safe work environment.	012345
	4.04 Assesses site hazards.	012345
	4.05 Plans work tasks.	012345

Block B Rigging and Hoisting (22 Questions)

Task	Sub-Tasks	Rating
5. Selects rigging equipment.	5.01 Matches load to lift capability.	012345
	5.02 Inspects rigging equipment.	012345
	5.03 Maintains rigging equipment.	012345

Task	Sub-Tasks	Rating
6. Uses hoisting and lifting equipment.	6.01 Uses hoisting equipment.	012345
	6.02 Uses lifting equipment.	012345
	6.03 Attaches rigging to load.	012345

Block C Cranes (11 Questions)

Task	Sub-Tasks	Rating
7. Selects, assembles and erects cranes and components.	7.01 Assesses crane site limitations.	012345
	7.02 Determines crane position.	012345
	7.03 Prepares bases.	012345
	7.04 Erects crane and components.	012345

Task	Sub-Tasks	Rating
8. Disassembles cranes.	8.01 Disassembles crane components.	012345
	8.02 Prepares crane and components for transport.	012345

Block D Reinforcing (19 Questions)

Task	Sub-Tasks	Rating
9. Fabricates on-site.	9.01 Cuts material.	012345
	9.02 Bends material.	012345

Task	Sub-Tasks	Rating
10. Installs reinforcing material.	10.01 Places reinforcing material.	012345
	10.02 Ties material.	012345
	10.03 Joins material.	012345

Block E Pre-Stresses/Post-Tensions (8 Questions)

Task	Sub-Tasks	Rating
11. Places pre-stressed/post-tensioning systems.	11.01 Lays out profile.	012345
	11.02 Places tendons and accessories.	012345
	11.03 Installs bursting steel and anchorages.	012345
	11.04 Connects tendons to anchors.	012345
	11.05 Protects exposed tendons.	012345

Task	Sub-Tasks	Rating
12. Stresses tendons.	12.01 Sets up stressing equipment.	012345

12.02 Tensions tendons.	012345
12.03 Cuts and caps tendons.	012345
12.04 Removes stressing equipment.	012345
12.05 De-stresses tendons.	012345

Task	Sub-Tasks	Rating
13. Grouts tendons.	13.01 Sets up grouting equipment.	012345
	13.02 Installs grouts.	012345

Block F Erection, Assembly and Installation (34 Questions)

Task	Sub-Tasks	Rating
14. Installs primary and secondary structural members.	14.01 Erects falsework.	012345
	14.02 Attaches structural members.	012345
	14.03 Levels, plumbs and aligns structural members.	012345
	14.04 Completes installation of structural members.	012345

Task	Sub-Tasks	Rating
15. Installs ornamental components and systems.	15.01 Installs curtain walls and window walls.	012345
	15.02 Installs miscellaneous components.	012345

Task	Sub-Tasks	Rating
16. Installs conveyors, machinery and equipment.	16.01 Installs material handling systems.	012345
	16.02 Aligns material handling systems.	012345

16.03 Places machinery and equipment.	012345
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Maintenance and Upgrading (11 Questions) Block G

Block G Maintenance and Upgrading (11 Questions)		
Task	Sub-Tasks	Rating
17. Repairs components.	17.01 Assesses current condition of components.	012345
	17.02 Field-fabricates components.	012345
	17.03 Replaces components.	012345
	17.04 Performs preventative maintenance.	012345

Task	Sub-Tasks	Rating
18. Dismantles and removes structural, mechanical and miscella- neous components.	18.01 Ensures decommissioning of structure or components.	012345
	18.02 Plans sequence of disassembly.	012345
	18.03 Removes components.	012345

Name (please print)

Signature _____ Date: _____

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

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