

Rofer NOA (2012) Subtask to Unit Comparison

NOA Subtask		Manitoba Unit(s)
Task 1 – Performs safety related functions.		
1.01	Uses personal protective equipment (PPE) and safety equipment	A2 Trade Safety Awareness
1.02	Maintains safe work environment.	A2 Trade Safety Awareness
Task 2 – Maintains and uses tools and equipment.		
2.01	Maintains tools and equipment.	C1 Roofing Tools and Equipment C2 Roofing Material and Products C3 Hot Process, Propane and Motorized Equipment
2.02	Uses hoisting, lifting and rigging equipment.	C1 Roofing Tools and Equipment G1 Fall Protection, Scaffolding and Roof Access Structures G2 Roofer Lifting, Rigging and Hoisting
2.03	Uses motorized equipment.	C1 Roofing Tools and Equipment
Task 3 – Performs common work practices and procedures.		
3.01	Interprets blueprints and drawings.	B2 Roof Design and Technical Drawing B3 Roof Blueprints and Trade Documents
3.02	Estimates material.	B3 Roof Blueprints and Trade Documents B4 Estimate Roof Construction Projects
3.03	Assesses worksite conditions.	B3 Roof Blueprints and Trade Documents
3.04	Communicates with others.	A1 Orientation I: Structure and Scope of Trade Learning A3 Orientation II: The Job of Journeywork B3 Roof Blueprints and Trade Documents
3.05	Accesses work area.	B3 Roof Blueprints and Trade Documents G3 Roofer Jobsite Preparation and Inspection
3.06	Positions equipment and material on the ground and on the roof.	G1 Fall Protection, Scaffolding and Roof Access Structures G2 Roofer Lifting, Rigging and Hoisting G3 Roofer Jobsite Preparation and Inspection
3.07	Prepares material disposal systems.	G1 Fall Protection, Scaffolding and Roof Access Structures G2 Roofer Lifting, Rigging and Hoisting G3 Roofer Jobsite Preparation and Inspection
Task 4 – Prepares roof for replacement.		
4.01	Protects surrounding area.	G3 Roofer Jobsite Preparation and Inspection
4.02	Removes loose debris.	G3 Roofer Jobsite Preparation and Inspection
4.03	Removes roofing and flashings.	G3 Roofer Jobsite Preparation and Inspection
4.04	Prepares roof substrate.	G3 Roofer Jobsite Preparation and Inspection
4.05	Performs minor adjustments to penetrations, curbs and parapets.	G3 Roofer Jobsite Preparation and Inspection
4.06	Installs water cut-off, temporary seals and temporary drains.	G3 Roofer Jobsite Preparation and Inspection
Task 5 - Prepares deck for roof installation.		
5.01	Inspects deck.	G3 Roofer Jobsite Preparation and Inspection
5.02	Cleans deck.	G3 Roofer Jobsite Preparation and Inspection
5.03	Verifies placement of roof penetrations, curbs and parapets.	G3 Roofer Jobsite Preparation and Inspection
5.04	Dries deck.	G3 Roofer Jobsite Preparation and Inspection

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Task 6 – Applies roofing components.		
6.01	Installs leveling surface.	D2 Practicum: Built-up Roofing Installation
6.02	Primes substrate.	D2 Practicum: Built-up Roofing Installation
6.03	Applies vapour retarder, vapour barrier and air barrier.	D2 Practicum: Built-up Roofing Installation
6.04	Installs insulation.	D2 Practicum: Built-up Roofing Installation
6.05	Installs cover board.	D2 Practicum: Built-up Roofing Installation
6.06	Installs drains, vents, curbs and penetrations.	D2 Practicum: Built-up Roofing Installation
6.07	Applies ballast, walkways and protective surfaces.	D2 Practicum: Built-up Roofing Installation
6.08	Installs metal flashings.	D2 Practicum: Built-up Roofing Installation
Task 7 - Applies membranes.		
7.01	Relaxes membranes.	D3 Practicum: Membrane Installation
7.02	Sets membranes.	D3 Practicum: Membrane Installation
7.03	Applies membranes using hot-liquid process.	D3 Practicum: Membrane Installation
7.04	Applies membranes using torched-on method.	D3 Practicum: Membrane Installation
7.05	Applies membranes using hot-air welding.	D3 Practicum: Membrane Installation
7.06	Applies membranes using cold process.	D3 Practicum: Membrane Installation
7.07	Applies membranes using mechanical fasteners.	D3 Practicum: Membrane Installation
7.08	Applies loose-laid membranes.	D3 Practicum: Membrane Installation
7.09	Install membrane flashings.	D3 Practicum: Membrane Installation
Task 8 – Performs common steep slope practices		
8.01	Installs steep slope underlayment.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
8.02	Installs attic vent flashings.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
8.03	Installs valley treatments.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
8.04	Installs saddles/crickets.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
8.05	Installs metal flashings for steep slope roofs.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
Task 9 – Applies shingles.		
9.01	Determines layout of shingles.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
9.02	Installs starter strips.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
9.03	Fastens shingles.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
9.04	Cuts shingles.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
9.05	Tabs shingles.	E1 Steep Roof Construction and Products E2 Practicum: Shingled Roofwork
Task 10 – Applies roof tiles.		
10.01	Installs strapping.	E1 Steep Roof Construction and Products E3 Practicum: Tiled Roofwork
10.02	Fastens roof tiles.	E1 Steep Roof Construction and Products E3 Practicum: Tiled Roofwork

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10.03	Cuts roof tiles.	E1 Steep Roof Construction and Products E3 Practicum: Tiled Roofwork
10.04	Installs closure strips.	E1 Steep Roof Construction and Products E3 Practicum: Tiled Roofwork
10.05	Seals ridge and hip caps.	E1 Steep Roof Construction and Products E3 Practicum: Tiled Roofwork
Task 11 – Applies pre-formed metal roofing.		
11.01	Installs strapping for pre-formed metal roofing.	E1 Steep Roof Construction and Products E4 Practicum: Pre-formed Metal Roofwork
11.02	Fastens pre-formed metal roofing.	E1 Steep Roof Construction and Products E4 Practicum: Pre-formed Metal Roofwork
11.03	Cuts sheet metal.	E1 Steep Roof Construction and Products E4 Practicum: Pre-formed Metal Roofwork
11.04	Installs closure strips for pre-formed metal roofing.	E1 Steep Roof Construction and Products E4 Practicum: Pre-formed Metal Roofwork
11.05	Installs snow guards.	E1 Steep Roof Construction and Products E4 Practicum: Pre-formed Metal Roofwork
Task 12 – Waterproofs surfaces.		
12.01	Prepares waterproofing substrates.	F1 Maintain and Waterproof Roof Structures
12.02	Applies waterproofing membrane.	F1 Maintain and Waterproof Roof Structures
12.03	Installs green, sustainable, vegetative and protected membrane components.	F1 Maintain and Waterproof Roof Structures
Task 13 – Damp-proofs surfaces.		
13.01	Applies coatings.	F1 Maintain and Waterproof Roof Structures
13.02	Applies protection layer.	F1 Maintain and Waterproof Roof Structures
Task 14 – Assesses roof condition.		
14.01	Performs roof inspections.	F1 Maintain and Waterproof Roof Structures F2 Analyze and Troubleshoot Roof Failures
14.02	Performs cut test.	F1 Maintain and Waterproof Roof Structures F2 Analyze and Troubleshoot Roof Failures
14.03	Determines maintenance or repair required.	F1 Maintain and Waterproof Roof Structures F2 Analyze and Troubleshoot Roof Failures
Task 15 – Maintains and repairs roof.		
15.01	Maintains drains and scuppers.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair
15.02	Refills penetration pockets.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair
15.03	Replaces deteriorated caulking.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair
15.04	Repairs membrane defects.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair
15.05	Reapplies surfacing and ballast to bare areas.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair
15.06	Repairs steep roofing defects.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair
15.07	Re-secures loose metal flashings.	F2 Analyze and Troubleshoot Roof Failures F3 Practicum: Roof Repair