

Bricklayer NOA (2006) Subtask to Unit Comparison

NOA Subtask		Manitoba Unit(s)
Task 1 - Uses tools and equipment.		
1.01	Uses hand tools.	C1 Masonry Tools and Equipment C2 Practicum: Hand-Tool Use
1.02	Uses power tools.	C1 Masonry Tools and Equipment C2 Practicum: Hand-Tool Use
1.03	Uses powder-actuated tools.	C1 Masonry Tools and Equipment C2 Practicum: Hand-Tool Use
1.04	Uses pneumatic and hydraulic tools.	C1 Masonry Tools and Equipment C2 Practicum: Hand-Tool Use
1.05	Performs basic welding operations.	
1.06	Uses torch cutting equipment.	
1.07	Uses hoisting, lifting and material handling equipment	G2 Lifting, Rigging and Hoisting
1.08	Uses measuring and layout equipment.	C1 Masonry Tools and Equipment C2 Practicum: Hand-Tool Use
1.09	Uses personal protective equipment (PPE) and safety equipment.	A2 Trade Safety
1.10	Uses safety equipment.	A2 Trade Safety Awareness
Task 2 - Organizes work.		
2.01	Uses documentation.	A3 Trade Communications and Terminology A4 Quality Assurance: Standards, Codes, and Specifications B1 Trade Mathematics B2 Intro. Masonry Design and Technical Drawing B3 Blueprint Use I: Masonry Components and Residential B4 Blueprint Use II Commercial/Industrial A6 Pre-IP Review
2.02	Communicates with others.	A1 Orientation I: Structure and Scope of Bricklayer Trade Learning A3 Trade Communications and Terminology A5 Orientation II: The Job of Journeywork
2.03	Organizes materials.	G3 Jobsite Maintenance and Coordination
2.04	Performs inspections.	A4 Quality Assurance: Standards, Codes, and Specifications
2.05	Maintains safe work environment.	A2 Trade Safety A4 Quality Assurance: Standards, Codes, and Specifications G3 Jobsite Maintenance and Coordination F4 Restoration Masonry: Concepts and Techniques
Task 3 Performs routine work practices.		
3.01	Prepares vertical substrates.	A4 Quality Assurance: Standards, Codes, and Specifications D1 Principles of Wall/Column Work and Structural Integrity F4 Restoration Masonry: Concepts and Techniques
3.02	Lays out wall and coursing.	A4 Quality Assurance: Standards, Codes, and Specifications B1 Trade Mathematics B3 Blueprint Use I: Masonry Components and Residential B4 Blueprint Use II Commercial/Industrial D1 Principles of Wall/Column Work and Structural Integrity; D2 Practicum – Bonds, Joints, and Corners
3.03	Winterizes job site.	G3 Jobsite Maintenance and Coordination

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3.04	Applies parging.	D1 Principles of Wall/Column Work and Structural Integrity D3 Building Envelope: Moisture-/Air-Barriers C5 Concrete and Reinforcement
3.05	Waterproofs/damp-proofs masonry surfaces.	D3 Building Envelope: Moisture- and Air- Barriers
3.06	Cleans new masonry surfaces.	A4 Quality Assurance: Standards, Codes, and Specifications
3.07	Finishes joints.	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners
3.08	Installs insulation.	D1 Principles of Wall/Column Work and Structural Integrity D3 Building Envelope: Moisture- and Air- Barriers
3.09	Installs membrane.	D3 Building Envelope: Moisture- and Air- Barriers
3.10	Installs anchoring/tie systems	C4 Mortars, Grouts, Adhesives and Fasteners C5 Concrete and Reinforcement
3.11	Levels/plumbs masonry work.	A4 Quality Assurance: Standards, Codes, and Specifications D1 Principles of Wall/Column Work and Structural Integrity D4 Structural Walls and Columns
Task 4 – Uses scaffolding.		
4.01	Erects scaffolds.	G1 Scaffolding and Access Structures G2 Lifting, Rigging, and Hoisting
4.02	Maintains scaffolds.	A4 Quality Assurance: Standards, Codes, and Specifications G1 Scaffolding and Access Structures
4.03	Dismantles scaffolds.	G1 Scaffolding and Access Structures
Task 5 - Uses mortars, grouts and polymers		
5.01	Uses mortars.	C4 Mortars, Grouts, Adhesives, and Fasteners
5.02	Uses block fill.	C4 Mortars, Grouts, Adhesives, and Fasteners
5.03	Uses bonding agents.	C4 Mortars, Grouts, Adhesives, and Fasteners
Task 6 - Builds non-load bearing masonry walls		
6.01	Installs flashings.	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D3 Building Envelope: Moisture- and Air- Barriers
6.02	Installs masonry units for non load bearing walls.	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D5 Masonry Veneers and Cladding F4 Ornamental Masonry
Task 7 – Builds load-bearing walls and columns.		
7.01	Builds cavity walls and structural walls.	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D4 Structural Walls and Columns
7.02	Builds foundation walls	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D4 Structural Walls and Columns
7.03	Builds retaining walls.	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D4 Structural Walls and Columns
7.04	Installs reinforcing systems	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D4 Structural Walls and Columns C4 Mortars, Grouts, Adhesives, and Fasteners C5 Concrete and Reinforcement
7.05	Builds columns and pilasters.	D1 Principles of Wall/Column Work and Structural Integrity D2 Practicum – Bonds, Joints, and Corners D4 Structural Walls and Columns
Task 8 - Builds horizontal masonry surfaces.		
8.01	Prepares horizontal substrate.	A4 Quality Assurance: Standards, Codes, and Specifications

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8.02	Prepares masonry units for horizontal surfaces.	A4 Quality Assurance: Standards, Codes, and Specifications C3 Materials: Brick, Block/Panel products, and Stone F1 Masonry Specialties Past and Present F2 Stonework and Stone Ornament F4 Ornamental Masonry – Paving, Glass Block, etc.
8.03	Lays masonry units on horizontal surfaces.	D2 Practicum – Bonds, Joints, and Corners C3 Materials: Brick, Block/Panel products, and Stone F1 Masonry Specialties Past and Present F2 Stonework and Stone Ornament F4 Ornamental Masonry – Paving, Glass Block, etc.
Task 9 - Builds and installs pre-fabricated masonry units.		
9.01	Builds and installs pre-fabricated masonry units.	A4 Quality Assurance: Standards, Codes, and Specifications C3 Materials: Brick, Block/Panel products, and Stone D5 Masonry Veneers and Cladding C3 Masonry Veneers and Cladding
9.02	Erects prefabricated masonry.	D5 Masonry Veneers and Cladding
Task 10 - Installs surface bonded masonry units.		
10.01	Prepares surfaces for surface bonded masonry units.	A4 Quality Assurance: Standards, Codes, and Specifications C3 Materials: Brick, Block/Panel products, and Stone D5 Masonry Veneers and Cladding
10.02	Applies surface bonded masonry units.	A4 Quality Assurance: Standards, Codes, and Specifications C3 Materials: Brick, Block/Panel products, and Stone D5 Masonry Veneers and Cladding
Task 11 Installs stone veneer.		
11.01	Prepares stone for veneer.	C3 Materials: Brick, Block/Panel products, and Stone D5 Masonry Veneers and Cladding
11.02	Lays stone.	D5 Masonry Veneers and Cladding
Task 12- Installs stone cladding.		
12.01	Prepares wall.	D5 Masonry Veneers and Cladding
12.02	Prepares stone for cladding.	D5 Masonry Veneers and Cladding
12.03	Installs stones.	D5 Masonry Veneers and Cladding
Task 13 Lays masonry units to build fireplaces and chimneys.		
13.01	Builds foundation supports for fireplaces and chimneys.	E1 Principles of Refractory Work and Heat Dynamics E2 Chimneys E3 Fireplaces E4 Furnaces, Kilns, and Refractory Linings
13.02	Builds hearth and firebox.	E3 Fireplaces
13.03	Builds chimney, damper and flue lining.	E2 Chimneys
13.04	Installs prefabricated masonry heater/stove unit.	E4 Furnaces, Kilns, and Refractory Linings
13.05	Faces fireplaces and masonry heaters.	E3 Fireplaces
Task 14 Installs refractory materials for heat resistant applications.		
14.01	Removes existing heat resistant materials.	C3 Materials: Brick, Block/Panel Products, and Stone E1 Principles of Refractory Work and Heat Dynamics E4 Furnaces, Kilns, and Refractory Linings
14.02	Prepares for installation of heat resistant materials.	A4 Quality Assurance: Standards, Codes, and Specifications C3 Materials: Brick, Block/Panel Products, and Stone E1 Principles of Refractory Work and Heat Dynamics E4 Furnaces, Kilns, and Refractory Linings
14.03	Prepares mortar and accessories for heat resistant materials.	C4 Mortars, Grouts, Adhesives, and Fasteners E1 Principles of Refractory Work and Heat Dynamics E4 Furnaces, Kilns, and Refractory Linings
14.04	Installs heat resistant materials.	E1 Principles of Refractory Work and Heat Dynamics E4 Furnaces, Kilns, and Refractory Linings

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Task 15 Installs refractory materials for corrosion resistant applications.		
15.01	Removes existing corrosion resistant materials.	E1 Principles of Refractory Work and Heat Dynamics
15.02	Prepares for installation of corrosion resistant materials.	E1 Principles of Refractory Work and Heat Dynamics
15.03	Prepares for installation of corrosion resistant materials.	E1 Principles of Refractory Work and Heat Dynamics
15.04	Installs corrosion resistant materials.	E1 Principles of Refractory Work and Heat Dynamics
15.05	Faces fireplaces and masonry heaters.	E4 Furnaces, Kilns, and Refractory Linings
Task 16- Rebuilds masonry work..		
16.01	Disassembles unit masonry construction.	F1 Masonry Specialties Past and Present F5 Restoration Masonry: Concepts and Techniques
16.02	Prepares restoration work area.	F5 Restoration Masonry: Concepts and Techniques
Task 17- Restore existing masonry work		
17.01	Removes deteriorated components.	F5 Restoration Masonry: Concepts and Techniques
17.02	Repoints joints.	F5 Restoration Masonry: Concepts and Techniques
17.03	Refaces masonry units.	F5 Restoration Masonry: Concepts and Techniques
17.04	Repairs masonry units.	A4 Quality Assurance: Standards, Codes, and Specifications F5 Restoration Masonry: Concepts and Techniques
Task 18 - Cleans and seals masonry surfaces.		
18.01	Prepares surfaces	F1 Masonry Specialties Past and Present
18.02	Applies sealants and coating materials for restoration work.	C4 Mortars, Grouts, Adhesives, and Fasteners F1 Masonry Specialties Past and Present
Task 19- Installs glass blocks.		
12.01	Prepares site.	F1 Masonry Specialties Past and Present F4 Ornamental Masonry: Paving, Glass Block, etc.
12.02	Lays glass blocks.	F1 Masonry Specialties Past and Present F4 Ornamental Masonry: Paving, Glass Block, etc
Task 20 -Installs ornamental and sculptured masonry.		
20.01	Prepares surface for ornamental and sculptured masonry.	F1 Masonry Specialties Past and Present F4 Ornamental Masonry: Paving, Glass Block, etc.
20.02	Installs ornamental and sculptured masonry units.	F1 Masonry Specialties Past and Present F4 Ornamental Masonry: Paving, Glass Block, etc
Task 21- Builds arches.		
21.01	Prepares site for arches.	F1 Masonry Specialties Past and Present F3 Archwork Theory and Practice
21.02	Builds template.	F1 Masonry Specialties Past and Present F3 Archwork Theory and Practice
21.03	Places template.	F1 Masonry Specialties Past and Present F3 Archwork Theory and Practice
21.04	Installs arch masonry units.	F1 Masonry Specialties Past and Present F3 Archwork Theory and Practice
21.05	Removes template.	F1 Masonry Specialties Past and Present F3 Archwork Theory and Practice