

Pre-engineered Building Erector POA (2009) Subtask to Unit Comparison

NOA Subtask		Manitoba Unit(s)
Task 1 – Selects rigging and hoisting equipment.		
1.01	Uses hoisting equipment.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
1.02	Uses rigging equipment.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
1.03	Uses hand signals.	A2 Trade Safety Awareness
1.04	Works with cranes.	C2 Introduction to Cranes
Task 2 – Uses tools and equipment.		
2.01	Uses hand tools.	A3 Tools and Equipment
2.02	Uses power tools (electric and gas).	A3 Tools and Equipment
2.03	Uses serial work platforms.	A3 Tools and Equipment
2.04	Uses survey equipment.	A3 Tools and Equipment
2.05	Uses scaffolding and ladders.	C1 Access Equipment
2.06	Uses oxy-fuel cutting equipment.	A6 Oxy-Fuel Cutting
		A7 Introduction to Welding
2.07	Uses personal protective equipment (PPE).	A2 Trade Safety Awareness
		A3 Tools and Equipment
		C1 Access Equipment
Task 3 – Organizes work.		
3.01	Maintains safe work environment.	A2 Trade Safety Awareness. (A and C Board Standard)
		D8 Pre-Erection Site Inspection
3.02	Communicates with others.	A1 Orientation I: The Structure and Scope of Pre-engineered Building Erector Trade Learning
3.03	Coordinates with other trades.	A10 Orientation I: The Structure and Scope of Pre-engineered Building Erector Trade Learning
		A5 Communication and Trade Documentation
3.04	Communicates electronically.	A10 Orientation I: The Structure and Scope of Pre-engineered Building Erector Trade Learning
		A4 Computer Applications and Pre-engineered Building Erector Trade
3.05	Organizes materials and supplies.	B2 Introduction to Pre-engineered Building Erector Drawings
3.06	Interprets drawings and specifications.	B1 Drawings
		A9 Reinforcing I
		B2 Introduction to Pre-engineered Building Erector Drawings
Task 4 – Maintains pre-engineered buildings.		
4.01	Repairs damaged components.	D7 Pre-engineered Building Maintenance and Repair
4.02	Strengthens existing structures.	D7 Pre-engineered Building Maintenance and Repair
Task 5 – Performs site inspections.		
5.01	Ensures access to site and building.	D8 Pre-Erection Site Inspection
5.02	Checks layout/elevation of foundation.	D8 Pre-Erection Site Inspection
Task 6 – Unloads building components.		
6.01	Checks shipment/inventory.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
		D2 Secondary Structure Erection (Purlins, Girts and Base Angle)
6.02	Sorts building components.	D1 Primary Structure Erection (Leveling and Squaring Buildings)

NOA Subtask		Manitoba Unit(s)
		D2 Secondary Structure Erection (Purlins, Girts and Base Angle)
Task 7 – Pre-assembles components.		
7.01	Prepares columns.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
7.02	Assembles rafters.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
Task 8 – Erects primary structures.		
8.01	Stands columns.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
8.02	Erects rafters.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
8.03	Torques bolts.	D1 Primary Structure Erection (Leveling and Squaring Buildings)
Task 9 – Erects secondary structures.		
9.01	Installs purlins and girts.	D2 Secondary Structure Erection (Purlins, Girts and Base Angle)
9.02	Installs bracing (Temporary and Permanent).	D2 Secondary Structure Erection (Purlins, Girts and Base Angle)
9.03	Frames openings.	D5 Roof Systems
9.04	Installs base angles/channels.	D2 Secondary Structure Erection (Purlins, Girts and Base Angle)
9.05	Installs canopies and facades.	D3 Specialty Structures
9.06	Installs mezzanines.	D3 Specialty Structures
9.07	Installs partition walls.	D3 Specialty Structures
Task 10 – Installs cladding and insulates wall systems.		
10.01	Lays out wall systems.	D4 Wall Systems
10.02	Installs metal building insulation.	D4 Wall Systems
		D6 Windows and Doors
10.03	Aligns the girts.	D4 Wall Systems
10.04	Installs wall systems.	D4 Wall Systems
10.05	Installs liner panels.	D4 Wall Systems
		D6 Windows and Doors
Task 11 – Installs cladding and insulates roof systems.		
11.01	Lays out roof systems.	D5 Roof Systems
11.02	Installs insulation and isolation material.	D4 Wall Systems
		D5 Roof Systems
11.03	Installs roof systems.	D5 Roof Systems
11.04	Installs roof curbs.	D3 Specialty Structures
		D5 Roof Systems
11.05	Applies sealants.	D3 Specialty Structures
		D4 Wall Systems
		D6 Windows and Doors
Task 12 – Installs flashing, gutters and trim.		
12.01	Installs windows and doors.	D6 Windows and Doors
12.02	Installs exterior flashings including eaves and base flashing.	D4 Wall Systems
		D5 Roof Systems
		D6 Windows and Doors
12.03	Installs gutters and downspouts.	D5 Roof Systems

