

Ironworker (Reinforcing)

	2015 NOA	moved to	came from		2024 RSOS Workshop Structure
MWA A	Occupational Skills		MWA A		
Task 1	Interprets occupational documentation		3.01		
1.01	Interprets drawings and specifications		3.01		
1.02	Interprets standards, regulations and procedures		3.01		
Task 2	Communicates in the workplace		5.01, 5.02		
2.01	Communicates with co-workers		5.01, 5.02	MWA A	MWA A Performs common occupational skills
2.02	Communicates with others		5.01, 5.02	NEW	Task 1 Maintains safe and healthy workplace
2.03	Communicates with apprentices		5.01, 5.02	4.03	1.01 Maintains safe work environment
2.04	Uses hand signals	DELETED incorporated as skills in MWA B subtasks		3.08	1.02 Uses personal protective equipment (PPE) and safety equipment
2.05	Communicates electronically		3.01, 5.01	NEW	1.03 Participates in healthy and respectful work environment
Task 3	Uses and maintains tools and equipment		Task 2	Task 3	Task 2 Uses and maintains tools and equipment
3.01	Uses hand tools and measuring equipment		2.01	3.01	2.01 Uses hand tools and measuring equipment
3.02	Uses surveying equipment		2.08	3.03	2.02 Uses power tools
3.03	Uses power tools		2.02	3.04	2.03 Uses bending tools and equipment
3.04	Uses bending tools and equipment		2.03	3.05	2.04 Uses mobile elevating work platforms (MEWP)

3.05	Uses aerial work platforms	2.04	NEW	2.05	Uses material handling equipment
3.06	Uses ladders	2.06	3.06	2.06	Uses ladders
3.07	Uses scaffolding	2.07	3.07	2.07	Uses scaffolding
3.08	Uses personal protective equipment (PPE)	1.02	3.02	2.08	Uses surveying equipment
3.09	Uses welding equipment	2.09	3.09	2.09	Uses welding equipment
3.10	Uses oxy-fuel cutting equipment	2.10, 2.11	3.10, NEW	2.10	Uses mechanical cutting equipment
			3.10, NEW	2.11	Uses thermal cutting equipment
Task 4 Organizes work		Task 3	Task 4	Task 3	Organizes work
4.01	Organizes materials and supplies	3.03	4.01	3.01	Organizes materials and supplies
4.02	Marks layouts	3.02	4.02	3.02	Performs layout
4.03	Maintains safe work environment	1.01	1.01, NEW	3.03	Uses drawings and documentation
4.04	Assesses site hazards	1.01	4.05	3.04	Plans tasks
4.05	Plans work tasks	3.04			
			NEW	Task 4	Maintains continuous learning
			NEW	4.01	Upskills in new trade practices and procedures
			NEW	4.02	Upskills in emerging technologies
			NEW	Task 5	Uses communication and mentoring techniques

			2.01, 2.02, 2.05 NEW	5.01	Uses communication techniques
			2.03, NEW	5.02	Uses mentoring techniques
MWA B	B - Rigging and Hoisting	MWA B	MWA B	MWA B	Performs rigging, hoisting and positioning, and participates in crane and equipment mobilization and demobilization
Task 5	Selects rigging equipment	6.03	Task 5, NEW	Task 6	Plans lift
5.01	Matches load to lift capability	6.01	5.01, NEW	6.01	Assesses load
5.02	Inspects rigging equipment	7.01	5.01, NEW	6.02	Performs pre-lift analysis
5.03	Maintains rigging equipment	8.03	NEW	6.03	Selects rigging, hoisting and positioning equipment
			NEW	6.04	Secures lift area
Task 6	Uses hoisting and lifting equipment	Task 7	Task 6	Task 7	Rigs, hoists and positions load
6.01	Uses hoisting equipment	7.04	5.02	7.01	Inspects rigging, hoisting and positioning equipment
6.02	Uses lifting equipment	7.04	6.02, NEW	7.02	Assembles rigging, hoisting and positioning equipment
6.03	Attaches rigging to load	7.03	6.03	7.03	Attaches rigging equipment to load
			6.01, 6.02, NEW	7.04	Performs hoisting and positioning operations
MWA C	C - Cranes	Large group agreed to delete MWA-skills redistributed in task 9	NEW	7.05	Secures load before rigging removal
Task 7	Selects, assembles and erects cranes and components	Large group agreed to delete MWA-skills redistributed in task 9			

7.01	Assesses crane site limitations	Large group agreed to delete MWA-skills redistributed in task 9	NEW	Task 8	Performs post-lift activities	
7.02	Determines crane position	Large group agreed to delete MWA-skills redistributed in task 9	NEW	8.01	Conducts post-lift inspection	
7.03	Erects cranes and components	Large group agreed to delete MWA-skills redistributed in task 9	NEW	8.02	Disassembles rigging, hoisting and positioning equipment	
			5.03	8.03	Maintains rigging, hoisting and positioning equipment	
Task 8	Disassembles cranes	Large group agreed to delete MWA-skills redistributed in task 9	MWA C	Task 9	Participates in mobilization and demobilization of cranes and equipment	
8.01	Disassembles crane components	Large group agreed to delete MWA-skills redistributed in task 9	Task 7, NEW	9.01	Participates in mobilization of cranes and equipment	
8.02	Prepares crane for transport	Large group agreed to delete MWA-skills redistributed in task 9	Task 8, NEW	9.02	Demobilizes cranes and equipment	
MWA D	D - Reinforcing		MWA C	MWA D	MWA C	Fabricates and installs reinforcing materials
Task 9	Fabricates on-site		Task 10	Task 9	Task 10	Fabricates reinforcing materials on-site
9.01	Cuts material		10.01	9.01	10.01	Cuts reinforcing materials
9.02	Bends material		10.02	9.02	10.02	Bends reinforcing materials
Task 10	Installs reinforcing material		Task 11	Task 10	Task 11	Installs reinforcing materials
10.01	Places reinforcing material		11.01	10.01	11.01	Places reinforcing materials
10.02	Ties material		11.02	10.02	11.02	Ties reinforcing materials

10.03	Joins material	11.03	10.03	11.03	Splices reinforcing materials
MWA E	E - Pre-Stresses/Post-Tensions	MWA D	MWA E	MWA D	Performs pre-stressing/post-tensioning
Task 11	Places pre-stressed/post-tensioning systems	Task 12	Task 11	Task 12	Places pre-stressed/post-tensioning systems
11.01	Lays out profile	12.01	11.01	12.01	Lays out profile
11.02	Places tendons and accessories	12.02	11.02	12.02	Places tendons and accessories
11.03	Installs bursting steel and anchorages	12.03	11.03	12.03	Installs bursting steel and anchorages
11.04	Connects tendons to anchors	12.04	11.04	12.04	Connects tendons to anchorages
11.05	Protects exposed tendons	12.05	11.05	12.05	Protects exposed tendons
Task 12	Stresses tendons	Task 13	Task 12	Task 13	Stresses tendons
12.01	Sets up stressing equipment	13.01	12.01	13.01	Sets up stressing equipment
12.02	Tensions tendons	13.02	12.02	13.02	Tensions tendons
12.03	Cuts and caps tendons	13.03	12.03	13.03	Cuts and caps tendons
12.04	Removes stressing equipment	13.04	12.04	13.04	Removes stressing equipment
12.05	De-stresses tendons	13.05	12.05	13.05	De-stresses tendons
Task 13	Grouts tendons	Task 14	Task 13	Task 14	Grouts tendons
13.01	Sets up grouting equipment	14.01	13.01	14.01	Sets up grouting equipment
13.02	Installs grouts	14.02	13.02	14.02	Installs grout