

TOWER CRANE OPERATOR NOA to RSOS Comparative				
NOA 2012		MOVED TO	RSOS 2023	
BLOCK	A - Common Occupational Skills		MWA	A - Performs common occupational skills
Task	1. Performs safety-related functions.		Task	1 Performs safety-related functions
Sub-task	1.01 Uses personal protective equipment (PPE) and safety equipment.	1.02	Sub-task	1.01 Maintains safe work environment
Sub-task	1.02 Maintains safe work environment.	1.01	Sub-task	1.02 Uses personal protective equipment (PPE) and safety equipment
			Sub-task	1.03 Uses documentation
Task	2. Contributes to workplace organization.		Task	2 Uses communication and mentoring techniques
Sub-task	2.01 Communicates with others.	2.01	Sub-task	2.01 Uses communication techniques
Sub-task	2.02 Uses documentation.	1.03	Sub-task	2.02 Uses mentoring techniques
BLOCK	B - Crane Inspection and Maintenance		MWA	B - Inspects and maintains crane
Task	3. Performs pre-operational checks and regular inspections.		Task	3 Performs pre-operational checks and regular inspections
Sub-task	3.01 Inspects structural components.	3.01	Sub-task	3.01 Inspects structural components
Sub-task	3.02 Inspects mechanical components.	3.02	Sub-task	3.02 Inspects mechanical components
Sub-task	3.03 Inspects lines and wire ropes.	3.03	Sub-task	3.03 Inspects lines, wire ropes and hoisting system components
Sub-task	3.04 Inspects hydraulic system components.	3.04	Sub-task	3.04 Inspects hydraulic system components
Sub-task	3.05 Inspects electrical system components.	3.05	Sub-task	3.05 Inspects electrical system components
Sub-task	3.06 Inspects support components.	3.06	Sub-task	3.06 Inspects support components
Sub-task	3.07 Inspects track travel components.	3.07	Sub-task	3.07 Inspects track (rail) travel components
Sub-task	3.08 Inspects cab components.	3.08	Sub-task	3.08 Inspects cab components
Sub-task	3.09 Inspects safety and access components.	3.09	Sub-task	3.09 Inspects safety and access components
Sub-task	3.10 Completes inspection documentation.	3.10	Sub-task	3.10 Completes inspection documentation
Task	4. Performs continual checks.		Task	4 Performs continual checks
			Sub-task	4.01 Monitors weather conditions
Sub-task	4.01 Monitors site conditions.	4.02	Sub-task	4.02 Monitors site conditions
Sub-task	4.02 Monitors lines and wire ropes.	4.03	Sub-task	4.03 Monitors lines, wires and hoisting system components
Sub-task	4.03 Monitors equipment performance and conditions.	4.04	Sub-task	4.04 Monitors equipment performance and conditions
Sub-task	4.04 Monitors structural and support components.	4.05	Sub-task	4.05 Monitors structural and support components
Task	5. Performs minor crane maintenance.		Task	5 Performs minor crane maintenance
Sub-task	5.01 Maintains mechanical components.	5.01	Sub-task	5.01 Maintains mechanical components
Sub-task	5.02 Lubricates wire ropes and crane components.	5.02	Sub-task	5.02 Lubricates wire ropes and crane components
BLOCK	C - Crane Set up, Hoisting Calculations and Lift Planning		MWA	C - Performs crane set-up, hoisting calculations and lift planning
Task	6. Participates in tower crane assembly, disassembly and transportation.		Task	6 Participates in tower crane assembly, disassembly and transportation
Sub-task	6.01 Participates in crane assembly.	6.01	Sub-task	6.01 Participates in crane assembly
Sub-task	6.02 Participates in crane disassembly.	6.02	Sub-task	6.02 Participates in crane disassembly
Sub-task	6.03 Transports self-erecting tower crane. (NOT COMMON CORE)	6.03	Sub-task	6.03 Transports self-erecting tower crane
Sub-task	6.04 Participates in assembly and disassembly of self-erecting tower cranes. (NOT COMMON CORE)	6.04	Sub-task	6.04 Participates in assembly and disassembly of self-erecting tower cranes
			Task	7 Participates in tower crane climbing and reconfigurations
			Sub-task	7.01 Participates in bottom-climbing procedures
			Sub-task	7.02 Participates in top-climbing procedures
			Sub-task	7.03 Participates in crane reconfiguration
Task	7. Plans lifts.		Task	8 Plans lifts
			Sub-task	8.01 Determines load weights
Sub-task	7.01 Interprets load charts.	8.02	Sub-task	8.02 Interprets load charts
Sub-task	7.02 Plans work procedures.	8.03	Sub-task	8.03 Plans work procedures
Sub-task	7.03 Prepares for specialty lifts.	8.04	Sub-task	8.04 Prepares for specialty lifts
BLOCK	D - Rigging		MWA	D - Performs rigging
Task	8. Inspects and maintains rigging equipment.		Task	9 Inspects, maintains and stores rigging equipment
Sub-task	8.01 Identifies deficiencies in slings and hardware.	9.01	Sub-task	9.01 Identifies deficiencies in slings and hardware
Sub-task	8.02 Lubricates slings and hardware.	9.02	Sub-task	9.02 Lubricates slings and hardware
Sub-task	8.03 Stores rigging equipment.	9.03	Sub-task	9.03 Stores rigging equipment
Task	9. Manages rigging.		Task	10 Follows rigging procedures
Sub-task	9.01 Selects required rigging equipment.	10.01	Sub-task	10.01 Selects required rigging equipment and configuration
Sub-task	9.02 Rigs load.	10.02	Sub-task	10.02 Rigs load

Sub-task	9.03 Monitors rigging.	10.03	Sub-task	10.03 Monitors rigging
BLOCK	E - Crane Operations		MWA	E - Operates crane
Task	10. Performs pre lift (warm-up) activities.		Task	11 Performs pre lift (warm-up) activities
Sub-task	10.01 Performs function test.	11.01	Sub-task	11.01 Performs function test
Sub-task	10.02 Confirms limits.	11.02	Sub-task	11.02 Confirms limits
Task	11. Operates tower cranes.		Task	12 Operates tower cranes
Sub-task	11.01 Trolleys carriage.	12.01	Sub-task	12.01 Moves trolley in and out
Sub-task	11.02 Booms (luffs) up and down.	12.02	Sub-task	12.02 Booms (luffs) up and down
Sub-task	11.03 Swings (slews) jib.	12.03	Sub-task	12.03 Swings (slews) jib
Sub-task	11.04 Hoists load.	12.04	Sub-task	12.04 Hoists load
Sub-task	11.05 Travels crane.	12.05	Sub-task	12.05 Travels crane
Sub-task	11.06 Performs functions simultaneously.	12.06	Sub-task	12.06 Performs functions simultaneously
Task	12. Climbs (raises) tower cranes.			
Sub-task	12.01 Performs bottom-climbing procedures.	7.01		
Sub-task	12.02 Performs top-climbing procedures.	7.02		
Task	13. Performs specialty tower crane operations.		Task	13 Performs specialty tower crane operations
Sub-task	13.01 Participates in multi-crane lifts.	13.01	Sub-task	13.01 Participates in multi-crane lifts
Sub-task	13.02 Operates in multi-crane site.	13.02	Sub-task	13.02 Operates in multi-crane site
Sub-task	13.03 Hoists personnel.	13.03	Sub-task	13.03 Hoists personnel
Task	14. Shuts down and secures tower cranes.		Task	14 Shuts down and secures tower cranes
Sub-task	14.01 Secures crane while leaving controls.	14.01	Sub-task	14.01 Secures crane while leaving controls (short term)
Sub-task	14.02 Secures crane while unattended.	14.02	Sub-task	14.02 Secures crane while out of service
Sub-task	14.03 Secures crane for extended periods.	14.02	Sub-task	