

ROOFER 2020

NOA - 2012		Moved to	NEW RSOS STRUCTURE - 2020		Came From:	Comments and Questions for RSOS WORKSHOP
BLOCK A	COMMON OCCUPATIONAL SKILLS		MWA A	Performs Common Occupational Skills		
Task 1	Performs safety related functions	Task 1	Task 1	Performs safety-related functions		
1.01	Uses personal protective equipment (PPE) and safety equipment	1.02	1.01	Maintains safe work environment	1.01	
1.02	Maintains safe work environment.	1.01	1.02	Uses personal protective equipment (PPE) and safety equipment	1.02	
Task 2	Maintains and uses tools and equipment	Task 2	Task 2	Uses tools and equipment		Added tools and equipment section as these were missing.
2.01	Maintains tools and equipment.	2.01	2.01	Uses hand tools	NEW but used skills from 2.01	
2.02	Uses hoisting, lifting and rigging equipment.	2.02	2.02	Uses power tools, pneumatic tools, and hot-air welding, induction and fuelled equipment	NEW	
2.03	Uses motorized equipment.		2.03	Uses hoisting, lifting and rigging equipment	2.02	
			2.04	Uses access equipment	3.05	
			2.05	Uses hot process equipment	NEW	
			2.06	Uses motorized equipment	2.03	
Task 3	Performs common work practices and procedures.	Task 3	Task 3	Organizes Work		
3.01	Interprets blueprints and drawings.	3.02	3.01	Uses documentation and reference materials	NEW	Added a Uses documentation section based on curriculum research.
3.02	Estimates material.	3.03	3.02	Interprets blueprints and drawings	3.01	
3.03	Assesses worksite conditions.	3.04	3.03	Estimates material	3.02	
3.04	Communicates with others.	4.01, 4.02	3.04	Assesses worksite conditions	3.03	
3.05	Accesses work area.	2.03	3.05	Positions equipment and material on the ground and on the roof	3.06	
3.06	Positions equipment and material on the ground and on the roof.	3.05	3.06	Prepares material disposal systems	3.07	
3.07	Prepares material disposal systems.	3.06	3.07	Evaluates roof conditions near roof-top equipment installations		types of equipment being put on roofs (eg photovoltaic, HVAC, Cell towers, etc); ideas came from content in CRCA training manual about photovoltaic equipment)
			Task 4	Uses communication and mentoring techniques	3.04	New section - standard in every RSOS.
			4.01	Uses communication techniques		
			4.02	Uses mentoring techniques		
BLOCK B	ROOF PREPARATION		MWA B	Prepares Roof and Deck		
Task 4	Prepares roof for replacement.	Task 5	Task 5	Prepares roof for replacement		
4.01	Protects surrounding area.	5.01	5.01	Protects surrounding area	4.01	
4.02	Removes loose debris.	5.02	5.02	Removes loose debris	4.02	
4.03	Removes roofing and flashings.	5.03	5.03	Removes roofing and flashings	4.03	
4.04	Prepares roof substrate.	5.04	5.04	Prepares roof substrate	4.04	
4.05	Performs minor adjustments to penetrations, curbs and parapets.	5.05	5.05	Performs minor adjustments to penetrations, curbs and parapets	4.05	
4.06	Installs water cut-offs, temporary seals and temporary drains.	8.11				
Task 5	Prepares deck for roof installation.	Task 6	Task 6	Prepares deck for roof installation		
5.01	Inspects deck.	6.01	6.01	Inspects deck	5.01	

10.03	Cuts roof tiles.	11.03	11.03	Cuts roof tiles	10.03	
10.04	Installs closure strips.	11.04	11.04	Installs closure strips for roof tiles	10.04	
10.05	Seals ridge and hip caps.	11.05	11.05	Installs ridge and hip caps	10.05	
			11.06	Installs metal flashings for tiled roofs	8.05	
Task 11	Applies pre-formed metal roofing.	Task 12	Task 12	Applies pre-formed metal roofing		
11.01	Installs strapping for pre-formed metal roofing.	12.01	12.01	Installs battens/strapping for pre-formed metal roofing	11.01	
11.02	Fastens pre-formed metal roofing.	12.02	12.02	Fastens pre-formed metal roofing	11.02	
11.03	Cuts sheet metal.	12.03	12.03	Cuts sheet metal	11.03	
11.04	Installs closure strips for pre-formed metal roofing.	12.04	12.04	Installs closure strips for pre-formed metal roofing	11.04	
11.05	Installs snow guards.	12.05	12.05	Installs snow guards	11.05	
			12.06	Installs metal flashings for pre-formed metal roofs	NEW	
BLOCK E	WATERPROOFING AND DAMP-PROOFING		MWA E	Waterproofs and Damp-Proofs Surfaces		
Task 12	Waterproofs surfaces.	Task 13	Task 13	Waterproofs surfaces		
12.01	Prepares waterproofing substrates.	13.01	13.01	Prepares waterproofing substrates	12.01	
12.02	Applies waterproofing membrane.	13.02	13.02	Applies waterproofing membrane	12.02	
12.03	Installs green, sustainable, vegetative and protected membrane components.	13.03	13.03	Installs green, sustainable, vegetative and protected membrane components	12.03	
Task 13	Damp-proofs surfaces.	Task 14	Task 14	Damp-proofs surfaces		
13.01	Applies coatings.	14.01	14.01	Applies damp-proofing materials	13.01	
13.02	Applies protection layer.	14.02	14.02	Applies protection layer	13.02	
BLOCK F	ROOF MAINTENANCE AND REPAIR		MWA F	Assesses, Maintains and Repairs Roof		
Task 14	Assesses roof condition.	Task 15	Task 15	Assesses roof condition		
14.01	Performs roof inspections.	15.01	15.01	Performs roof inspections	14.01	
14.02	Performs cut test.	15.02	15.02	Performs cut test	14.02	
14.03	Determines maintenance or repair required.	15.03	15.03	Determines maintenance or repair required	14.03	
Task 15	Maintains and repairs roof.	16.01, 16.02 and 17.01 and 17.02	Task 16	Maintains and repairs low slope roofing	Task 15	Categorized this section by type of roof and generalized the subtasks by maintain and repair, rather than component based. "flat" roofing taken out, as all roofs must have some slope
15.01	Maintains drains and scuppers.		16.01	Maintains low slope roofing		
15.02	Refills penetration pockets.		16.02	Repairs low slope roofing		
15.03	Replaces deteriorated caulking.					
15.04	Repairs membrane defects.		Task 17	Maintains and repairs steep slope roofing	Task 15	
15.05	Reapplies surfacing and ballast to bare areas.		17.01	Maintains steep slope roofing		
15.06	Repairs steep roofing defects.		17.02	Repairs steep slope roofing		
15.07	Re-secures loose metal flashings.					