Task 2 Maintains and uses tools and equipment  Task 2 Task 2 Uses tools and equipment  Description of the proposed of the prop	ROOFER 2020								
Task 1 Performs safety related functions 1.01 Uses personal protective equipment (PPC) and safety equipment 1.02 Minimans safe work environment 1.02 Minimans safe work environment 1.03 Minimans safe work environment 1.04 Minimans safe work environment 1.05 Minimans safe work environment 1.06 Minimans safe work environment 1.07 Minimans safe work environment 1.07 Minimans safe work environment 1.08 Minimans safe work environment 1.09 West possible safe equipment 1.00 West possible safe equipment 1.00 West tools and equipment and regarding and equipment and equi	NOA - 2012	Moved to	NEW RSOS STRUCTURE - 2020	Came From:	Comments and Questions for RSOS WORKSHOP				
Task 1 Performs safety-related functions 1.01 Uses personal protective equipment (PE) and safety equipment 1.02 Maintains safe work environment 1.03 Maintains and uses tools and equipment 1.05 Maintains and uses tools and equipment 1.06 Maintains and uses tools and equipment 1.07 Task 2 Maintains and uses tools and equipment 1.08 Maintains and uses tools and equipment 1.09 Maintains and uses tools and equipment 1.00 Maintains and uses tools and equipment and related to	BLOCK A COMMON OCCUPATIONAL SKILLS		MWA A Performs Common Occupational Skills						
1.01   Uses personal protective equipment (PPE) and safety equipment   1.02   1.01   Maintains safe work environment   1.02   1.02   Uses personal protective equipment (PPE) and safety equipment   1.02   1.02   Uses personal protective equipment (PPE) and safety equipment   1.02   1.02   Uses provided equipment (PPE) and safety equipment   1.02   1.02   Maintains safe work environment   1.03   1.02   Maintains safe work environment   1.03   1.03   Maintains safe work environment   1.03   Maintains safe work e		Task 1	Task 1 Performs safety-related functions						
1.02 Maintains safe work environment. 1.01 1.02 Uses personal protective equipment (PPE) and safety equipment 1.02 Added tools and equipment 1.02 Added tools and equipment section as the missing. 1.03 Maintains and uses tools and equipment. 2.01 Uses tools and equipment. 2.01 Uses boals and equipment. 2.02 Uses hoising lifting and risgaing equipment. 2.02 Uses hoising lifting and risgaing equipment. 2.03 Uses motorized equipment. 2.04 Uses access equipment 0.05 Uses power tools, and hot-air welding, induction and fuse will be substantially only to use of substantial tools and equipment. 2.02 Uses broad tools 0.05 Uses power tools, and hot-air welding, induction and fuse will be substantially 0.05 Uses power tools, and hot-air welding, induction and fuse of substantial 0.05 Uses power tools, and hot-air welding, induction and fuse of substantial 0.05 Uses power tools, and hot-air welding, induction and fuse of substantial 0.05 Uses power tools, prevanate tools, and hot-air welding, induction and fuse of substantial 0.05 Uses power tools, prevanate tools, and hot-air welding, induction and fuse of substantial 0.05 Uses power tools, prevanate tools, and hot-air welding, induction and fuse of substantial 0.05 Uses power tools, prevanate tools, and hot-air welding, induction and fuse of substantial 0.05 Uses of substantial 0.05 U			1.01 Maintains safe work environment	1.01					
Task 2   Maintains and uses tools and equipment   Task 2   Task 2   Uses looks and equipment   NEW but used   Skills from 2.01   Uses part tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, preumatic tools, and hot-air welding, induction and fueled   Uses power tools, and hot-air welding, induction and fueled   Uses power tools, and hot-air welding, induction and fueled   Uses power tools, and hot-air welding, induction and fueled   Uses power tools, and hot-air welding, induction and fueled   Uses power tools, and hot-air welding, induction and fueled   Uses power tools, and hot-air welding, induction and fueled   Uses documentation and right in the preuntation and fueled   Uses accuses equipment   Uses accuses equip									
2.01   Maintains tools and equipment.	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.				
Uses power tools, pneumatic tools, and not-air welding, induction and fuelled   NEW   2.03   Uses notify, lifting and rigging equipment   2.05   Uses access equipment   2.06   Uses a potentially lates access equipment   2.07   3.06   Uses a potentially lates access equipment   2.08   Uses a potentially lates access equipment   2.09   Uses a potentially lates access equipment   2.00   Uses access e	2.01 Maintains tools and equipment.	2.01	2.01 Uses hand tools						
2.02 Uses hoising, lifting and rigging equipment. 2.03 Uses notorized equipment 2.03 Uses notorized equipment 2.04 Uses access equipment 3.05 2.05 Uses solutions, lifting and rigging equipment 3.05 2.06 Uses access equipment 3.06 2.07 Uses access equipment 3.08 2.08 Uses notorized equipment 3.09 2.09 2.09 2.00 Uses notorized equipment 3.00 2.00 Uses motorized equipment 3.00 3.01 Interprets brushing and drawings 3.01 Interprets brushing and drawings 3.02 Uses documentation and reference materials 3.03 Uses documentation and reference materials 3.04 Seasses workate conditions. 3.05 Accesses workate conditions. 3.06 Accesses work area. 3.07 Prepares material disposal systems. 3.08 Positions equipment and material on the ground and on the roof. 3.09 Positions equipment and material disposal systems. 3.00 Prepares material disposal systems. 3.01 Prepares material disposal systems 3.02 Vesualates roof conditions near roof-top equipment installations 3.04 Uses communication and mentoring techniques 3.07 Prepares material disposal systems 3.08 Prepares material disposal systems 3.09 New section - standard in every RSOS. 3.00 Prepares repares for for replacement. 3.01 Uses communication and mentoring techniques 3.02 Uses communication and mentoring techniques 3.03 New section - standard in every RSOS. 3.04 Uses communication and mentoring techniques 3.05 Prepares roof for replacement. 3.06 Uses communication and mentoring techniques 3.07 Prepares roof for replacement. 3.08 Uses communication and mentoring techniques 3.09 New section - standard in every RSOS. 3.00 Prepares roof for replacement. 3.01 Uses communication and mentoring techniques 3.02 Uses mentoring techniques 3.03 Uses documental disposal systems 3.04 Uses communication and mentoring techniques 3.05 Prepares roof for replacement. 3.06 Uses motoring dequipment installations 3.07 Prepares roof for replacement. 3.08 Uses documental disposal systems 3.09 Prepares roof for replacement. 3.00 Uses motoring dequipment installations 3.00 Prepares roof for replacemen				d					
2.03   Uses notified equipment   2.02	2.02 Uses hoisting, lifting and rigging equipment.	2.02	2.02 equipment	NEW					
2.04   Uses access equipment   NEW			2.03 Uses hoisting, lifting and rigging equipment	2.02					
Comparison   Com			2.04 Uses access equipment						
Comparison   Com				NEW					
3.01 Interprets blueprints and drawings. 3.02 Estimates material. 3.03 Assesses worksite conditions. 3.04 Assesses worksite conditions. 3.05 Accesses work area. 3.06 Positions equipment and material on the ground and on the roof. 3.06 Prepares material disposal systems. 3.07 Prepares material disposal systems. 3.08 Prepares material disposal systems. 3.09 Prepares material disposal systems. 3.00 Prepare			2.06 Uses motorized equipment	2.03	3				
3.01 Interprets blueprints and drawings. 3.02 Estimates material. 3.03 Assesses worksite conditions. 3.04 Assesses worksite conditions. 3.05 Accesses work area. 3.06 Positions equipment and material on the ground and on the roof. 3.06 Prepares material disposal systems. 3.07 Prepares material disposal systems. 3.08 Prepares material disposal systems. 3.09 Prepares material disposal systems. 3.00 Prepare									
3.01   Interprets blueprints and drawings.   3.02   3.01   Uses documentation and reference materials   3.02   Estimates material   3.03   Estimates material   3.04   3.05   Estimates material   3.05   Estimates material   3.06   3.06   Estimates material   3.07   Estimates material   3.07   Estimates material   3.07   Estimates material   3.08   Estimates mater	Task 3 Performs common work practices and procedures.	Task 3	Task 3 Organizes Work						
3.02   Estimates material.   3.03   3.02   Interprets blueprints and drawings   3.01					Added a Uses documentation section based on				
3.03   Assesses worksite conditions.   3.04   3.03   Estimates material   3.02   3.05   Communicates with others.   4.01, 4.02   3.04   Assesses worksite conditions   3.05   3.05   Communicates with others.   4.01, 4.02   3.05   Assesses worksite conditions   3.06   3.06   3.06   Assesses work area.   3.07   Positions equipment and material on the ground and on the roof.   3.06   Prepares material disposal systems   3.07   Prepares material disposal systems.   3.06   3.07   Evaluates roof conditions near roof-top equipment installations   4.01   Uses communication and mentoring techniques   4.01   Uses communication techniques   4.02   Uses mentoring techniques   4.02   Uses mentoring techniques   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   4.03   Removes roofing and flashings.   5.04   5.04   Prepares roof substrate.   4.05   Porforms minor adjustments to penetrations, curbs and parapets.   4.05   Porforms minor adjustments to penetrations, curbs and parapets.   4.05   Porforms minor adjustments to penetrations, curbs and parapets.   4.05   4.05   Porforms minor adjustments to penetrations, curbs and parapets.   4.05   4.05   Porforms minor adjustments to penetrations, curbs and parapets.   4.05   4.05   Porforms minor adjustments to penetrations, curbs and parapets.   4.05			3.01 Uses documentation and reference materials	NEW	curriculum research.				
3.04 Communicates with others. 3.05 Accesses work area. 3.06 Positions equipment and material on the ground and on the roof. 3.07 Prepares material disposal systems. 3.08 Prepares material disposal systems. 3.09 Prepares material disposal systems. 3.00 Prepares material disposal systems. 3.01 Uses communication and mentoring techniques 4.01 Uses communication techniques 4.01 Protects surrounding area. 4.01 Protects surrounding area. 4.01 Protects surrounding area. 4.01 Prepares roof for replacement. 4.02 Removes loose debris. 5.03 Removes roofing and flashings. 4.04 Prepares roof substrate. 5.05 Performs minor adjustments to penetrations, curbs and parapets. 5.06 Positions equipment and material on the ground and on the roof 3.06 3.07 Evaulates roof conditions near roof-top equipment installations 3.07 Evaulates roof conditions near roof-top equipment installations 4.01 Uses communication and mentoring techniques 4.02 Uses mentoring techniques 4.03 Removes loose debris. 5.04 Prepares roof substrate 4.05 Prepares roof substrate 4.06 Prepares roof substrate 4.07 Prepares roof substrate 4.08 Preforms minor adjustments to penetrations, curbs and parapets 4.05	3.02 Estimates material.	3.03	3.02 Interprets blueprints and drawings	3.01					
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3.05 Accesses work area. 2.03 3.05 Positions equipment and material on the ground and on the roof 3.06 Positions equipment and material on the ground and on the roof. 3.06 Positions equipment and material on the ground and on the roof. 3.07 Prepares material disposal systems. 3.08 Prepares material disposal systems. 3.09 Prepares material disposal systems. 3.00 P	3.04 Communicates with others.	4.01, 4.02	3.04 Assesses worksite conditions	3.03					
types of equipment being put on roofs (eg photovoltaic, HVAC, Cell towers, etc); idea from content in CRCA training manual about photovoltaic equipment)  Task 4 Uses communication and mentoring techniques  4.01 Uses communication techniques  4.02 Uses mentoring techniques  BLOCK B ROOF PREPARATION  Task 4 Prepares roof for replacement.  4.01 Protects surrounding area.  4.01 Protects surrounding area.  4.02 Removes loose debris.  5.03 Removes roofing and flashings.  4.04 Prepares roof substrate.  5.05 Performs minor adjustments to penetrations, curbs and parapets.  5.05 Performs minor adjustments to penetrations, curbs and parapets.  5.06 Performs minor adjustments to penetrations, curbs and parapets.  4.07 Perpares roof suptament installations  types of equipment being put on roofs (eg photovoltaic, HVAC, Cell towers, etc.); idea from content in CRCA training manual about photovoltaic equipment)  Task 4 Uses communication and mentoring techniques  4.01 Uses communication techniques  4.02 Uses mentoring techniques  4.03 Prepares roof for replacement  5.04 Frepares roof for replacement  4.05 Performs minor adjustments to penetrations, curbs and parapets  4.06 Performs minor adjustments to penetrations, curbs and parapets  4.07 Performs minor adjustments to penetrations, curbs and parapets	3.05 Accesses work area.		3.05 Positions equipment and material on the ground and on the roof	3.06					
3.07 Prepares material disposal systems.  3.08 3.07 Evaulates roof conditions near roof-top equipment installations  3.09 Evaluates roof conditions near roof-top equipment installations  3.00 New section - standard in every RSOS.  4.01 Uses communication techniques  4.02 Uses mentoring techniques  4.02 Uses mentoring techniques  4.02 Uses mentoring techniques  4.03 Prepares roof for replacement.  4.01 Protects surrounding area.  4.02 Removes loose debris.  5.02 Removes loose debris.  4.03 Removes roofing and flashings.  5.04 Prepares roof substrate.  5.05 Performs minor adjustments to penetrations, curbs and parapets.  5.05 Performs minor adjustments to penetrations, curbs and parapets.  4.05 Performs minor adjustments to penetrations, curbs and parapets.	3.06 Positions equipment and material on the ground and on the roof.	3.05	3.06 Prepares material disposal systems	3.07	7				
## A.01 Uses communication techniques  ## A.02 Uses mentoring techniques  ## BLOCK B ROOF PREPARATION  ## BLOCK B Prepares roof for replacement.  ## Task 4 Prepares roof for replacement.  ## A.01 Protects surrounding area.  ## A.01 Protects surrounding area.  ## A.02 Removes loose debris.  ## A.03 Removes roofing and flashings.  ## A.04 Prepares roof substrate.  ## A.05 Performs minor adjustments to penetrations, curbs and parapets.  ## A.05 Performs minor adjustments to penetrations, curbs and parapets.  ## A.05 Uses communication techniques  ## A.02 Uses mentoring techniques  ## A.05 Prepares Roof and Deck  ## Task 5 Task 5 Prepares Roof for replacement  ## Task 5 Prepares roof for replacement  ## A.05 Prepares roof substrate.  ## A.06 Prepares roof substrate  ## A.07 Uses communication techniques  ## A.08 Prepares Roof and Deck  ## Task 5 Task 5 Prepares roof for replacement  ## A.06 Prepares roof for replacement  ## A.07 Uses mentoring techniques  ## A.08 Prepares Roof and Deck  ## D.08 Prepares roof for replacement  ## A.09 Prepares roof for replacement  ## A.01 Prepares roof for replacement  ## A.01 Prepares roof guardinations	3.07 Prepares material disposal systems.	3.06	3.07 Evaulates 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)				
## A.01 Uses communication techniques  ## A.02 Uses mentoring techniques  ## BLOCK B ROOF PREPARATION  ## Brepares Roof and Deck  ## Task 4 Prepares roof for replacement.  ## 4.01 Protects surrounding area.  ## 4.02 Removes loose debris.  ## 4.03 Removes roofing and flashings.  ## 4.04 Prepares roof substrate.  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets.  ## 4.01 Uses communication techniques  ## 4.02 Uses mentoring techniques  ## Brepares Roof and Deck  ## Task 5 Prepares roof for replacement  ## Task 5 Prepares roof for replacement  ## 5.01 Protects surrounding area  ## 4.01  ## 5.02 Removes loose debris  ## 4.03  ## 5.03 Removes roofing and flashings  ## 4.04  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets  ## 4.05 Performs minor adjustments to penetrations, curbs and parapets									
BLOCK B ROOF PREPARATION  Task 4 Prepares roof for replacement.  4.01 Protects surrounding area.  4.02 Removes loose debris.  4.03 Removes roofing and flashings.  4.04 Prepares roof substrate.  4.05 Performs minor adjustments to penetrations, curbs and parapets.  4.05 Performs minor adjustments to penetrations, curbs and parapets.  4.02 Uses mentoring techniques  MWA B Prepares Roof and Deck  Task 5 Prepares roof for replacement  5.01 Protects surrounding area  4.01  5.02 Removes loose debris  4.03  5.03 Removes roofing and flashings  4.04  Frepares roof substrate  4.05 Performs minor adjustments to penetrations, curbs and parapets.  5.05 Performs minor adjustments to penetrations, curbs and parapets  4.05 Performs minor adjustments to penetrations, curbs and parapets  4.05 Performs minor adjustments to penetrations, curbs and parapets  4.06 Performs minor adjustments to penetrations, curbs and parapets				3.04	New section - standard in every RSOS.				
BLOCK B ROOF PREPARATION  Task 4 Prepares roof for replacement.  4.01 Protects surrounding area.  5.01 Fortects surrounding area.  4.02 Removes loose debris.  4.03 Removes roofing and flashings.  5.03 Removes roofing and flashings.  4.04 Prepares roof substrate.  5.04 Forters minor adjustments to penetrations, curbs and parapets.  5.05 Performs minor adjustments to penetrations, curbs and parapets.									
Task 4Prepares roof for replacement.Task 5Prepares roof for replacement4.014.01Protects surrounding area.5.015.01Protects surrounding area.4.014.02Removes loose debris.5.025.02Removes loose debris.4.024.03Removes roofing and flashings.5.03Removes roofing and flashings.4.034.04Prepares roof substrate.5.04Prepares roof substrate4.044.05Performs minor adjustments to penetrations, curbs and parapets.5.05Performs minor adjustments to penetrations, curbs and parapets4.05			4.02 Uses mentoring techniques						
Task 4 Prepares roof for replacement.Task 5Task 5 Prepares roof for replacement4.01 Protects surrounding area.5.01 5.01 Protects surrounding area4.014.02 Removes loose debris.5.02 5.02 Removes loose debris4.024.03 Removes roofing and flashings.5.03 Removes roofing and flashings4.034.04 Prepares roof substrate.5.04 Prepares roof substrate4.044.05 Performs minor adjustments to penetrations, curbs and parapets.5.05 Performs minor adjustments to penetrations, curbs and parapets4.05	RLOCK B ROOF PREPARATION		MWA R Prepares Roof and Deck						
4.01 Protects surrounding area.  4.02 Removes loose debris.  4.03 Removes roofing and flashings.  4.04 Prepares roof substrate.  4.05 Performs minor adjustments to penetrations, curbs and parapets.  5.01 Frotects surrounding area.  5.02 Son Removes loose debris  5.03 Removes roofing and flashings  5.03 Removes roofing and flashings  4.04 Prepares roof substrate.  5.04 Son Prepares roof substrate  5.05 Performs minor adjustments to penetrations, curbs and parapets  4.01  4.02  4.03  4.04  4.05  4.05  4.06  4.07  4.08  4.09  4.09  4.09  4.09  4.09		Tack 5		+	-				
4.02Removes loose debris.5.02Removes loose debris4.024.03Removes roofing and flashings.5.03Removes roofing and flashings.4.034.04Prepares roof substrate.5.04Prepares roof substrate4.044.05Performs minor adjustments to penetrations, curbs and parapets.5.05Performs minor adjustments to penetrations, curbs and parapets4.05				4.04					
4.03 Removes roofing and flashings.  5.03 Semoves roofing and flashings  4.04 Prepares roof substrate.  5.04 Semoves roofing and flashings  5.05 Prepares roof substrate  4.06 Performs minor adjustments to penetrations, curbs and parapets.  5.05 Performs minor adjustments to penetrations, curbs and parapets  5.05 Performs minor adjustments to penetrations, curbs and parapets  4.05 Performs minor adjustments to penetrations, curbs and parapets									
4.04 Prepares roof substrate.  5.04 5.04 Prepares roof substrate  4.05 Performs minor adjustments to penetrations, curbs and parapets.  5.05 Performs minor adjustments to penetrations, curbs and parapets.  5.06 Performs minor adjustments to penetrations, curbs and parapets.  5.07 Performs minor adjustments to penetrations, curbs and parapets.  5.08 Performs minor adjustments to penetrations, curbs and parapets.									
4.05 Performs minor adjustments to penetrations, curbs and parapets. 5.05 5.05 Performs minor adjustments to penetrations, curbs and parapets 4.05									
			o.oop onorms minor adjustments to penetrations, curbs and parapets	4.00	<u> </u>				
	7.00 motalis water eut-ons, temporary seals and temporary drains.	0.11		1	1				
Task 5 Prepares deck for roof installation.  Task 6 Task 6 Prepares deck for roof installation	Task 5 Prenares deck for roof installation	Task 6	Task 6 Prepares deck for roof installation	<del> </del>					
5.01 Inspects deck. 6.01 6.01 Inspects deck 5.01 5.01				E 01	-				

5.02	Cleans deck.	6.02	6.02 Cleans surface of deck	5.02	Added surface of to be more descriptive.
5.03	Verifies placement of roof penetrations, curbs and parapets.	6.03	6.03 Verifies placement of roof penetrations, curbs and parapets	5.03	·
	Dries deck.	6.04	6.04 Dries deck	5.04	
					flat roofing taken out, as all roofs must have some
BLOCK C	LOW SLOPE AND FLAT ROOFING		MWA C Installs Low Slope Roofing		slope
	Applies roofing components.	Task 7	Task 7 Applies low slope roofing components		'
	Installs levelling surface.	7.01	7.01 Installs support panels	6.01	
	Primes substrate.	7.02	7.02 Primes substrate	6.02	
	Applies vapour retarder, vapour barrier and air barrier.	7.03	7.03 Applies vapour retarder, vapour barrier and air barrier	6.03	
6.04	Installs insulation.	7.04	7.04 Installs insulation	6.04	JI.
	Installs cover board.	7.05	7.05 Installs cover board	6.05	
	Installs drains, vents, curbs and penetrations.	7.06	7.06 Installs drains, vents, curbs and penetrations	6.06	
6.07	Applies ballast, walkways and protective surfaces.	7.07	7.07 Applies ballast, walkways and protective surfaces	6.07	
	Installs metal flashings.	7.08	7.08 Installs metal flashings	6.08	
5.50			g-	3.00	
Task 7	Applies membranes.	Task 8	Task 8 Applies low slope roofing membranes		
	Relaxes membranes.	8.01	8.01 Relaxes membranes	7.01	
	Sets membranes.	8.02	8.02 Sets membranes	7.02	
	Applies membranes using hot-liquid process.	8.03	8.03 Applies membranes using hot-liquid process	7.03	
	Applies membranes using torched-on method.	8.04	8.04 Applies membranes using torched-on method	7.04	JI.
	Applies membranes using hot-air welding.	8.05	8.05 Applies membranes using hot-air welding	7.05	
7.06	Applies membranes using cold process.	8.06	8.06 Applies membranes using cold applied methods	7.06	
	Applies membranes using mechanical fasteners.	8.07	8.07 Applies membranes using mechanical fasteners	7.07	
	Applies loose-laid membranes.	8.08	8.08 Applies loose-laid membranes	7.08	
	Installs membrane flashings.	8.10	8.09 Applies liquid-applied membranes	NEW	
	· ·		8.10 Installs membrane flashings	7.09	
			8.11 Installs temporary seals and temporary drains	4.06	
Block D	SHINGLES, TILES AND PRE-FORMED METAL ROOFING		MWA D Installs Steep Slope Roofing		
Task 8	Performs common steep slope practices	Task 9	Task 9 Performs common steep slope practices		
	Installs steep slope underlayment	9.01	9.01 Installs steep slope underlayment	8.01	
	installs attic vent flashings.	9.02	9.02 Installs steep slope venting	8.02	re-worded - not just attic venting
8.03	installs valley treatments	9.03	9.03 Installs steep slope valley applications	8.03	
	installs saddles/crickets.	9.04	9.04 Installs steep slope saddles/crickets	8.04	
8.05	Installs metal flashings for steep slope roofs.	9.05	9.05 Installs steep slope penetration flashings	8.05	
			· · · · · · · · · · · · · · · · · · ·		
Task 9	Applies shingles.	Task 10	Task 10 Applies shingles		
9.01	Determines layout of shingles.	10.01	10.01 Determines layout of shingles	9.01	
9.02	Installs stater strips.	10.02	10.02 Installs starter strip and starter course	9.02	
	Fastens shingles.	10.03	10.03 Fastens shingles	9.03	
9.04	Cuts shingles.	10.04	10.04 Cuts shingles	9.04	
	Tabs shingles.	10.05	10.05 Tabs shingles	9.05	
					split up the metal flashing into each type of steep
			10.06 Installs metal flashings for shingled roofs		slope roof
Task 10	Applies roof tiles.	Task 11	Task 11 Applies roof tiles		
10.01	Installs strapping.	11.01	11.01 Installs battens/strapping for roof tiles	10.01	
	Fastens roof tiles.	11.02	11.02 Fastens roof tiles	10.02	

10.03 Cuts roof tiles.	11.03	11.03	Cuts roof tiles	10.03	3
10.04 Installs closure strips.	11.04		Installs closure strips for roof tiles	10.04	
10.05 Seals ridge and hip caps.	11.05		Installs ridge and hip caps	10.05	
10:00 poulo riago una improspor			Installs metal flashings for tiled roofs	8.05	
			installs meanings for the color	0.00	
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		Fastens pre-formed metal roofing	11.02	
11.03 Cuts sheet metal.	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 F	Waterproofs and Damp-Proofs Surfaces		
Task 12 Waterproofs surfaces.	Task 13		Waterproofs surfaces  Waterproofs surfaces		1
12.01 Prepares waterproofing substrates.	13.01		Prepares waterproofing substrates	12.01	
12.01 Prepares waterproofing substrates.  12.02 Applies waterproofing membrane.	13.02		Applies waterproofing membrane	12.02	
12.03 Installs green, sustainable, vegetative and protected membrane components.	13.02		Installs green, sustainable, vegetative and protected membrane components	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		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		MINA/A E	Assesses, Maintains and Repairs Roof		
Task 14 Assesses roof condition.	Task 15		Assesses roof condition		
				44.04	
14.01 Performs roof inspections.	15.01		Performs roof inspections	14.01	
14.02 Performs cut test.	15.02		Performs cut test	14.02 14.03	
14.03 Determines maintenance or repair required.	15.03	15.03	Determines maintenance or repair required	14.03	5
	16.01, 16.02 and				
Task 15 Maintains and repairs roof.	17.01 and 17.02	Task 16	Maintains and repairs low slope roofing	Task 15	
15.01 Maintains drains and repairs root.			Maintains low slope roofing	1431 13	Categorized this section by type of roof and
15.02 Refills penetration pockets.	1		Repairs low slope roofing		generalized the subtasks by maintain and repair,
15.03 Replaces deteriorated caulking.	1	10.02	Tropairs low slope footing		rather than component based.
15.04 Repairs membrane defects.	1	Took 47	Maintains and repairs steep slope roofing	Task 15	"flat" roofing taken out, as all roofs must have so
15.05 Reapplies surfacing and ballast to bare areas.	<del> </del>		Maintains and repairs steep slope rooting  Maintains steep slope roofing	145K 15	slope
15.06 Repairs steep roofing defects.	<del> </del>		Repairs steep slope roofing		-
15.06 Repairs steep rooting detects.  15.07 Re-secures loose metal flashings.	╂	17.02	Lehan 2 20cch 210he 10011118		
15.07 [Re-secures loose metal flashings.	u l				<u>                                     </u>