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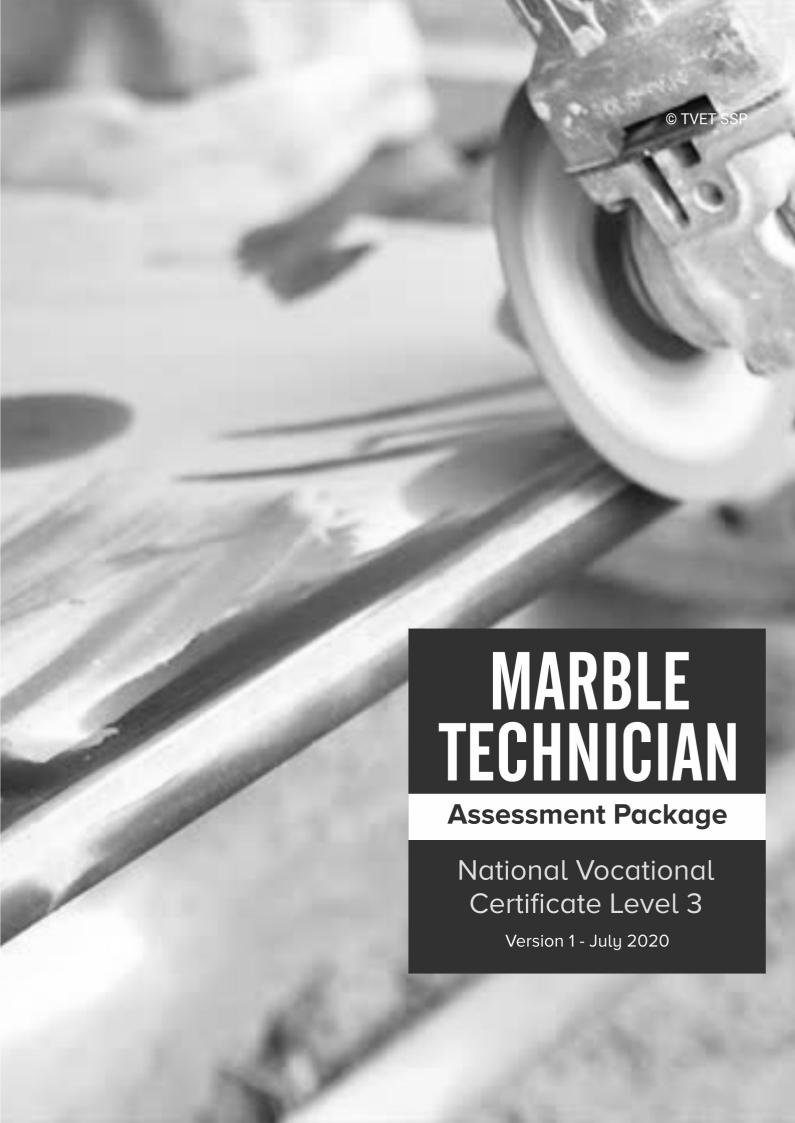
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Instruction Sheet for the Candidate

Qualification	Marble Technician Level - 3
Competency Standard(s)	Carryout Basic Electrical Installation
Purpose of Assessment	Formative Assessment

Candidate	Name						
Details	Registration/Roll Number						
	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment):						
Guidance for Candidate	 Install / Uninstall Electrical Motors Lay Cables Perform Basic Electrical Wiring Conduct Wiring Tests 						
Time: 5 Hours	During a practical assessment, under observation by an assessor, you are required to						
	Install / Uninstall Electric Motor						
	Perform Connection / Dis-connection to Electric Motor						
	3. Identify Electric Cables						
	4. Measure Gages of Electric cables						
	5. Lay Electric cables						
	6. Perform joints						
	7. Insulate Joints						
	8. Connect cables						
Minimum Evidence	9. Perform Earthing						
Required	10. Operate Measuring instruments						
	11. Perform continuity test						
	12. Perform polarity test						
	13. Perform Earthing test						
	14. Perform insulation test						
	15. Record test results						

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Marble Technician Level - 3
Competency Standards	Carryout Basic Electrical Installation
Assessment Task	 Install / Uninstall Electrical Motors Lay Cables Perform Basic Electrical Wiring Conduct Wiring Tests

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Perfor	mance Criteria	Yes	No
1.	Install / Uninstall Electric Motor		
2.	Perform Connection / Dis-connection to Electric Motor		
3.	Identify Electric Cables		
4.	Measure Gages of Electric cables		
5.	Lay Electric cables		
6.	Perform joints		
7.	Insulate Joints		
8.	Connect cables		
9.	Perform Earthing		
10.	Operate Measuring instruments		
11.	Perform continuity test		
12.	Perform polarity test		
13.	Perform Earthing test		
14.	Perform insulation test		
15.	Record test results		

Candidate's Signature	_ Assessor's Signature		
Date:			

Assessors Judgment Guide

Qualification	Marble Technician Level - 3			
Competency Standard(s)	Carryout Basic Electrical Installation			
Candidate Details	Name:			
	Registration/Roll Number:	Signature:		
Assessment	COMPETENT	NOT YET COMPETENT		
Outcome	Name of the Assessor	Assessor's code:		
	Signature:			

Assessment Summary (to be filled by the assessor)							
Activity		Method				Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		√				_	
Other Requirement							

Observation Checklist

Assessment Task 1. Install / Uninstall Electrical Motors 2. Lay Cables 3. Perform Basic Electrical Wiring 4. Conduct Wiring Tests							
During follow	-	essmen	t, candidate demonstr	ated the	Yes	No	Remarks
1.	Install / Unins	tall Ele	ectric Motor				
2.	Perform Conr Motor	nection	/ Dis-connection to	o Electric			
3.	Identify Electr	ic Cab	les				
4.	Measure Gages of Electric cables						
5.	Lay Electric cables						
6.	Perform joints						
7.	Insulate Joints						
8.	Connect cables						
9.	Perform Earthing						
10.	Operate Measuring instruments						
11.	Perform continuity test						
12.	Perform polarity test						
13.	Perform Earthing test						
14.	Perform insula	ation to	est				
15.	Record test re	esults					
Compe	etent			Not Yet Com	petent		

Knowledge Assessment

Qua	lification	Marble Technician Level - 3					
Con	npetency ndard(s)	Carryout Basic Electrical Installation					
Candidate Details		Name:					
560	u113	Registration/Roll Number: Candi	date Signature:				
		COMPETENT NOT YET CO	OMPETENT]			
_	essment come	Name of the Assessor: A	of the Assessor: Assessor's code:				
		Signature of the Assessor:					
1		e is not required to be identical, but similar concepts and/or keyw didate understanding of topic and its application.	vords must be used.	Oral questioning may			
		e confidently answered questions correctly and demonstrated	Satisfactory	Not Satisfactory			
unde 1.		topics and their application) ctric Motors, define their types?					
	WHAT IS EIG	othe Metere, define their types.	_				
2.	Describe In	stallation techniques of Electric Motors.					
3.	Define Elec	tric wires according to their color and gauges.					
4.	Describe Ea	arthing Procedure					
5.	5. Name different wiring tools and equipment.						
6.	Name vario	us types of electrical wiring.					
7.	7. Name different types of electrical Joints.						
8.	Name vario	us types of wiring test.					
9.	What safety	precaution be considered during working.					
10.	Name differ	rent Insulating materials.					

Feedback to the Candidate				
Candidate's Signature	Assessor's Signature			

Instruction Sheet for the Candidate

Qualification	Marble Technician Level - 3
Competency Standard(s)	Maintain Marble Machines
Purpose of Assessment	Formative Assessment

Candidate Details	Name Registration/Roll Number_
	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment):
Guidance for Candidate	 Replace Belts Replace cutting Blades Replace bearings and shaft. Replace Pulleys. Replace trolley ropes.
Time: 5 Hours	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	 Change the belt. Adjust the belt. Compare shaft diameter with the diameter of central bore of the cutter. Replace the cutting blades. Tightened the nut and flange properly Remove the faulty bearing. Mount the new bearing. Remove the faulty shaft. Replace the repaired/new shaft Remove damaged pulley. Mount new pulley. Perform alignment of pulleys. Dismantle trolley ropes. Install trolley ropes. Adjust and Align trolley ropes.

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Marble Technician Level - 3
Competency Standards	Maintain Marble Machines
Assessment Task	 Replace Belts Replace cutting Blades Replace bearings and shaft. Replace Pulleys. Replace trolley ropes.

I cai	n.			

Per	formance Criteria	Yes	No
1.	Change the belt.		
2.	Adjust the belt.		
3.	Compare shaft diameter with the diameter of central bore of the cutter.		
4.	Replace the cutting blades.		
5.	Tightened the nut and flange properly		
6.	Remove the faulty bearing.		
7.	Mount the new bearing.		
8.	Remove the faulty shaft.		
9.	Replace the repaired/new shaft		
10.	Remove damaged pulley.		
11.	Mount new pulley.		
12.	Perform alignment of pulleys.		
13.	Dismantle trolley ropes.		
14.	Install trolley ropes.		
15.	Adjust and Align trolley ropes.		

Candidate's Signature	_ Assessor's
Signature	
Date:	

Assessors Judgment Guide

Qualification	Marble Technician Level - 3	
Competency Standard(s)	Maintain Marble Machines	
Candidate Details	Name:	
	Registration/Roll Number:	Signature:
Assessment	COMPETENT	NOT YET COMPETENT
Outcome	Name of the Assessor	Assessor's code:
Gutcome	Signature:	

Assessment Summary (to be filled by the assessor)							
Activity	Method		Re	sult			
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		√					_
Other Requirement							

Observation Checklist

	sment Task	1. 2. 3. 4. 5.	Replace b Replace P Replace tr	utting Blades earings and s fulleys. folley ropes.			
During the practical assessment, candidate demonstration following:			ate demonstr	ated the	Yes	No	Remarks
1.	Change the b	elt.					
2.	Adjust the bel	t.					
3.	Compare share central bore of		th the diame	eter of			
4.	Replace the c	utting blades.					
5.	Tightened the	nut and flang	e properly				
6.	Remove the fa	aulty bearing.					
7.	Mount the new bearing.						
8.	Remove the faulty shaft.						
9.	Replace the repaired/new shaft						
10.							
11.	Mount new pulley.						
12.	Perform alignment of pulleys.						
13.	Dismantle trolley ropes.						
14.	14. Install trolley ropes.						
15.	Adjust and Ali	ign trolley rope	es.				
Compe	etent			Not Yet Com	petent		•

Qualification	Marble Technician Level - 3						
Competency Standard(s)	Maintain Marble Machines	Maintain Marble Machines					
Candidate Details	Name:						
Details	Registration/Roll Number: Cand	idate Signature:					
Assessment	COMPETENT NOT YET	COMPETENT					
Outcome	Name of the Assessor:	Assessor's code:					
	Signatura of the Assessment						
be used to clarify	Signature of the Assessor:	words must be use	ed. Oral questioning ma				
be used to clarify Questions (Cand understanding of	nse is not required to be identical, but similar concepts and/or key	words must be use	ed. Oral questioning ma				
be used to clarify Questions (Cand understanding of	nse is not required to be identical, but similar concepts and/or key candidate understanding of topic and its application. idate confidently answered questions correctly and demonstrated the topics and their application)						
Questions (Cand understanding of 1. What is I	nse is not required to be identical, but similar concepts and/or key candidate understanding of topic and its application. idate confidently answered questions correctly and demonstrated the topics and their application)						
Questions (Candunderstanding of 1. What is I	nse is not required to be identical, but similar concepts and/or key candidate understanding of topic and its application. idate confidently answered questions correctly and demonstrated the topics and their application) Belt, Name its types and Sizes?						
Questions (Cand understanding of 1). What is I	nse is not required to be identical, but similar concepts and/or key candidate understanding of topic and its application. idate confidently answered questions correctly and demonstrated the topics and their application) Belt, Name its types and Sizes? cutting Blade of marble machine?						

Define replacement techniques of bearings.

7. What is Pulley, describe their types and shapes?

Describe adjustment techniques of Belts and pulleys.

Define alignment techniques of pulleys.

10. What is Shaft?

Feedback to th	Feedback to the Candidate		
Candidate's Signature	Assessor's Signature		

Instruction Sheet for the Candidate

Qualification	Marble Technician Level - 3
Competency Standard(s)	Cut Marble
Purpose of Assessment	Formative Assessment

Candidate Details	Name
Details	Registration/Roll Number
Guidance for Candidate	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment): 1. Perform loading/unloading by Crane 2. Prepare Machine for cutting Marble 3. Perform vertical cutting 4. Perform cutting with Gang saw 5. Perform bridge Cutting. 6. Perform cross cutting 7. Perform section cutting 8. Perform cutting with resizing machine. 9. Perform Table Cutting
Time: 5 Hours	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	 Load Marble stone on Trolley of vertical cutting machine. Adjust vertical cutting Machine Regulate flow of water. Adopt personal safety (Gloves, Boots, and apron). Perform cutting with vertical cutting machine as per standard. Transport cut slabs for cross cutting Load block/stone on trolley of Gang Saw. Operate Gang saw. Perform punching on the base line of slabs with chisel Shift slabs to the other trolley. Adjust stone on trolley of Bridge cutter. Perform cutting with Bridge cutter as per standard. Transport cut slabs to cross cutting/table cutter. Prepare machine for cross cutting. Adjust the guide for standard thickness. Perform section cutting. Adjust both the cutter for the required size of slabs. Perform cutting to get the slabs in square/rectangle shape. Perform cutting with table cutter to get the slabs in shape as required.

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Marble Technician Level - 3
Competency	Cut Marble
Standards	Cut Marble
Assessment Task	 Perform loading/unloading by Crane Prepare Machine for cutting Marble Perform vertical cutting Perform cutting with Gang saw Perform bridge Cutting. Perform cross cutting Perform section cutting Perform cutting with resizing machine. Perform Table Cutting

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Performance Criteria Yes						
1.	Load Marble stone on Trolley of vertical cutting machine.					
2.	Adjust vertical cutting Machine					
3.	Regulate flow of water.					
4.	Adopt personal safety (Gloves, Boots, and apron).					
5.	Perform cutting with vertical cutting machine as per standard.					
6.	Transport cut slabs for cross cutting					
7.	Load block/stone on trolley of Gang Saw.					
8.	Operate Gang saw.					
9.	Perform punching on the base line of slabs with chisel					
10.). Shift slabs to the other trolley.					
11.	Adjust stone on trolley of Bridge cutter.					
12.	2. Perform cutting with Bridge cutter as per standard.					
13.	3. Transport cut slabs to cross cutting/table cutter.					
14.	Prepare machine for cross cutting.					
15.	Perform cross cutting as per standard.					
16.	Adjust the guide for standard thickness.					
17.	Perform section cutting.					
18.	Adjust both the cutter for the required size of slabs.					
19.	Perform cutting to get the slabs in square/rectangle shape.					
20.	Perform cutting with table cutter to get the slabs in shape as required.					

Candidate's Signature	Assessor's Signature
	-
Date:	

Assessors Judgment Guide

Qualification	Marble Technician Leve	el - 3
Competency Standard(s)	Cut Marble	
Candidate Details	Name:	
	Registration/Roll Number:	Signature:
Assessment	сомретент	NOT YET COMPETENT
Outcome	Name of the Assessor	Assessor's code:
	Signature:	

Assessment Summary (to be filled by the assessor)							
Activity	Method		Re	sult			
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

Observation Checklist

Asse	ssment Task	 Perform loading/unloading by Crane Prepare Machine for cutting Marble Perform vertical cutting Perform cutting with Gang saw Perform bridge Cutting. Perform cross cutting Perform section cutting Perform cutting with resizing machine. Perform Table Cutting 			
Durin	g the practical as	sessment, candidate demonstrated the following:	Yes	No	Remarks
1.	Load Marble s	stone on Trolley of vertical cutting machine.			
2.	Adjust vertica	l cutting Machine	1		
3.	Regulate flow	of water.			
4.	Adopt person	al safety (Gloves, Boots, and apron).			
5.	Perform cutting with vertical cutting machine as per standard.				
6.	Transport cut slabs for cross cutting				
7.	Load block/st	one on trolley of Gang Saw.			
8.	Operate Gang saw.				
9.	Perform punching on the base line of slabs with chisel				
10.	Shift slabs to the other trolley.				
11.	Adjust stone on trolley of Bridge cutter.				
12.	Perform cutting with Bridge cutter as per standard.				
13.	Transport cut slabs to cross cutting/table cutter.				
14.	1				
15.	Perform cross cutting as per standard.				
16.					
17.					
18.	,				
19.	Perform cutting to get the slabs in square/rectangle shape.				
20.	Perform cuttir required.	ng with table cutter to get the slabs in shape as			

Not Yet Competent

Competent

Knowledge Assessment

Qualification	Marble Technician Level - 3	
Competency	Cut Marble	
Standard(s)		
Candidate Details	Name:	
	Registration/Roll Number:	Candidate Signature:
Assessment	COMPETENT	NOT YET COMPETENT
Outcome	Name of the Assessor:	Assessor's code:
	Signature of the Assessor:	
	is not required to be identical, but similar concepdidate understanding of topic and its application.	s and/or keywords must be used. Oral questioning may

Questions (Candidate confidently answered questions correctly and demonstrated Satisfactory **Not Satisfactory** understanding of the topics and their application) Name different types of Marble cutting machine What safety precaution will be observed while operating machines? How the Capacity of trolley can be measured? What is the operating procedure of a vertical cutting machine? 5. What is the function of a Gang saw machine 6. What is the Operational Procedure of Bridge Cutter 7. What is the difference between cross cutter and section cutter? 8. Differentiate between Resizing cutter and Table cutter. 9.

Feedback to the Candidate			
Candidate's Signature	Assessor's Signature		

Instruction Sheet for the Candidate

Qualification	Marble Technician Level - 3
Competency Standard(s)	Perform Polishing of Marble
Purpose of Assessment	Formative Assessment

Candidate	Name				
Details	Registration/Roll Number				
Guidance for	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment):				
Candidate	Identify polishing tools & equipment Apply polishing pads				
	3. Apply sand paper				
	4. Apply chemicals5. Apply Buff for Shining.				
Time: 4 Hours	During a practical assessment, under observation by an assessor, you are required to				
- Time: Triours	Identify polishing tools/materials				
	Ensure safe handling of polishing tools/equipment				
	3. Segregate tiles for polishing.				
	4. Place big tiles on machine /Table				
	5. Fix small tiles on fixture				
	6. Perform grinding with grinding disc.				
	7. Apply polishing materials.				
Minimum	8. Apply sand paper.				
Evidence	9. Wear Personal Protective Equipment				
Required	10. Select chemicals.				
	11. Apply chemicals to the surface.				
	12. Apply Buff for shining.				
	13. Assess surface finishing of tiles				

Self-Assessment Checklist

Candidate Name			
Registration No.			
Qualification	Marble Technician Level - 3		
Competency	Perform Poliching of Marble		
Standards	Perform Polishing of Marble		
	1. Identify polishing tools & equipment		
	2. Apply polishing pads		
Assessment Task	3. Apply sand paper		
	4. Apply chemicals		
	5. Apply Buff for Shining.		

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Perfor	mance Criteria	Yes	No
1.	Identify polishing tools/materials		
2.	Ensure safe handling of polishing tools/equipment		
3.	Segregate tiles for polishing.		
4.	Place big tiles on machine /Table		
5.	Fix small tiles on fixture		
6.	Perform grinding with grinding disc.		
7.	Apply polishing materials.		
8.	Apply sand paper.		
9.	Wear Personal Protective Equipment		
10.	Select chemicals.		
11.	Apply chemicals to the surface.		
12.	Apply Buff for shining.		
13.	Assess surface finishing of tiles		

Candidate's Signature	Assessor's
Signature	
Date:	

Assessors Judgment Guide

Qualification	Marble Technician Level - 3				
Competency Standard(s)	Perform Polishing of Marble				
Candidate Details	Name:				
	Registration/Roll Number:	Signature:			
Assessment	COMPETENT	NOT YET COMPETENT			
Outcome	Name of the Assessor	Assessor's code:			
	Signature:				

Assessment Summary (to be filled by the assessor)								
Activity	Method					Result		
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent	
Practical Skill Demonstration			✓					
Knowledge Assessment		√						
Other Requirement								

Observation Checklist

Asses	ssment Task	 Identify polishing to Apply polishing pa Apply sand paper Apply chemicals Apply Buff for Shir 	ds	ment		
During the practical assessment, candidate demonstr following:			ated the	Yes	No	Remarks
1.	Identify polish	ning tools/materials				
2.	Ensure safe h tools/equipme					
3.	Segregate tiles for polishing.					
4.	Place big tiles on machine /Table					
5.	Fix small tiles on fixture					
6.	Perform grind					
7.	Apply polishing					
8.	Apply sand paper.					
9.	Wear Personal Protective Equipment					
10.	Select chemicals.					
11.	Apply chemicals to the surface.					
12.	Apply Buff for shining.					
13.	. Assess surface finishing of tiles					
Comp	etent		Not Yet Com	petent		

		Knowledge Assessment							
Qua	alification	Marble Technician Level - 3							
	npetency ndard(s)	Perform Polishing of Marble							
	didate	Name:							
Det	ails	Registration/Roll Number: Candi	egistration/Roll Number: Candidate Signature:						
		COMPETENT NOT YET CO	OMPETENT]					
-	essment come	Name of the Assessor: A	ssessor's code:						
		Signature of the Assessor:							
		e is not required to be identical, but similar concepts and/or keyw	ords must be used.	Oral questioning may					
	,								
	•	te confidently answered questions correctly and demonstrated topics and their application)	Satisfactory	Not Satisfactory					
1.	Name diffe	rent Polishing tools							
2.	What is fixt	ure?							
3.	Name vario	ous polishing materials/Chemicals							
3.	Traine van	odo policiming materialo, enemicale	-						
4. What is Sand paper?									
5.	Describe d	ifferent types and sizes of sand paper.	-						
6.	How chemi	icals are apply to marble surface?							
l		•	1						

7. Describe applying techniques of sand paper

Name various Buffing materials.

10. Name different Buffing methods.

8. What is Buffing?

Feedback to the Candidate					
Candidate's Signature	_ Assessor's Signature				

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