





	Umshini Consultancy Vaal (Pty) Ltd		
	COMPANY PROFILE		
	Document number	Originator	Date implemented
	UVAAL-CM-DOC-022	A Engelbrecht	12/06/2023

## 1. Company profile

### 1.1. Customised programs

SAQA ID	Program description	NQF level (credits)	SETA					
			QCTO	Agri-SETA	merSETA	CETA	TETA	SLA **
2623685 9322 119744 9964 229998 252250	<b>1.1.1. Introduction to earthworks:</b> Basic understanding of Earthworks Work in a team Engineering hand tools Apply health and safety at work Working @ heights Basic fire-fighting	10 days  2 (3) 2 (3) 2 (8) 2 (3) 1 (2) 1 (3)			√	√		
2623685 9322 119744 9964 229998 252250	<b>1.1.2. Introduction to civil construction:</b> Demonstrate knowledge of Civil Construction Work in a team Engineering hand tools Apply health and safety at work Working @ heights Basic fire-fighting	10 days  2 (3) 2 (3) 2 (8) 2 (3) 1 (2) 1 (3)			√	√		
120344  120359 9964 120330 229998 252250 120337	<b>1.1.3. Health and safety @ work:</b> Demonstrate knowledge and understanding of relevant current OHS legislation (Legal Liability) Permit to work system Apply health and safety at work Continuous risk assessment Working @ heights Basic fire-fighting Planned task observation	10 days  4 (4) 4 (4) 2 (3) 3 (4) 1 (2) 1 (3) 3 (2)			√	√		
264179 264188 264179 264017	<b>1.1.4. Landscaping (basic horticulture):</b> Soil types and uses Propagate plants from stem cutting Uses of soil in plant propagation and landscaping Irrigation equipment and manual sprinkler system	10 days  2 (4) 2 (5) 2 (6) 2 (3)		√				
116157 116167 116205 116169	<b>1.1.5. Plant production (agriculture):</b> Basic concepts of sustainable farming systems Hand tools and basic equipment Propagate plants Understand farming systems and conserve natural resources	10 days  1 (4) 1 (4) 1 (4) 1 (4)		√				
119744 12219 243067	<b>1.1.6. Basic oxy-fuel gas CUTTING:</b> Engineering hand tools Engineering power tools Basic oxy-fuel gas cutting	10 days  1 (4) 2 (6) 2 (6)			√			

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119744 12219 243072	<b>1.1.7. Basic oxy-fuel gas WELDING:</b> Engineering hand tools Engineering power tools Basic oxy-fuel gas welding 	10 days 1 (4) 2 (6) 2 (10)			✓			
119744 12219 243063	<b>1.1.8. Basic welding (SMAW):</b> Engineering hand tools Engineering power tools Basic SMAW (downhand position) 	10 days 1 (4) 2 (6) 2 (15)			✓			
119744 12219 243066	<b>1.1.9. Basic CO2 welding (GMAW):</b> Engineering hand tools Engineering power tools Basic GMAW (downhand position) 	10 days 1 (4) 2 (6) 2 (8)			✓			
119744 12219 9869 260720	<b>1.1.10. Vehicle tyre repair, balance</b> Engineering hand tools Engineering power tools Repair punctures and fit tyres to wheels Balance a wheel 	10 days 1 (4) 2 (6) 3 (17) 2 (2)			✓			
119744 12219 12476 9964 120330 252250	<b>1.1.11. Basic handy person:</b> Engineering hand tools Engineering power tools Basic engineering measuring equipment Apply health and safety at work Continuous risk assessment Basic fire-fighting 	10 days 1 (4) 2 (6) 2 (4) 2 (3) 3 (4) 1 (3)		✓	✓	✓		
229998 15034 259624 9964 252250	<b>1.1.12. General worker:</b> Working @ heights Work in confined spaces on construction sites Control workplace hazards and risks (HIRA) Apply health and safety at work Basic fire-fighting 	5 days 1 (2) 2 (2) 2 (4) 2 (3) 1 (3)		✓	✓	✓		
120344 9964 259624 120329 252250	<b>1.1.13. General safety officer:</b> Demonstrate knowledge and understanding of relevant current OHS legislation (Legal Liability) Apply health and safety at work Control workplace hazards and risks (HIRA) Respond to, implement and manage emergencies according to an emergency action plan in a workplace Basic fire-fighting 	5 days 4 (4) 4 (4) 2 (4) 3 (2) 1 (3)		✓	✓	✓		
264235 120344 259624 120335	<b>1.1.14. Supervisor:</b> Apply supervisory management principles in an enterprise Demonstrate knowledge and understanding of relevant current OHS legislation (Legal Liability) Control workplace hazards and risks (HIRA) Conduct an investigation into workplace incidents 	5 days 3 (10) 4 (4) 2 (4) 3 (5)		✓	✓	✓		

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264235 120344 252259	<b>1.1.15. Team Leader:</b> Apply supervisory management principles in an enterprise Demonstrate knowledge and understanding of relevant current OHS legislation (Legal Liability) Plan, organise and manage own activities in the organisation	5 days  3 (10) 4 (4)  1 (2)		✓	✓	✓		



## 1.2. Modules / Interventions

SAQA ID	Module / Intervention description	NQF level (credits)	SETA					
			QCTO	Agri-SETA	merSETA	CETA	TETA	SLA **
9964 252250 12484 120344 246667 120359 120330 120337 15034 120329 13222 259597 120335 120341 120370 120496 13223 376981 120325	<b>1.2.1. Safety:</b> Apply <b>health and safety</b> to a work area Apply <b>fire-fighting</b> techniques Perform basic <b>fire-fighting</b> Demonstrate knowledge and understanding of relevant current <b>OHS legislation</b> (Legal Liability) Demonstrate an understanding of <b>OHSE Legislations</b> (Legal Liability) Monitor, report and make recommendations on the requirements applicable to <b>permit to work</b> systems in a working environment Conduct a <b>continuous risk assessment</b> in a workplace Demonstrate knowledge pertaining to the preparation, conducting, recording and follow-up actions of a <b>planned task observation</b> in a working place Work in <b>confined spaces</b> on construction sites Respond to, implement and manage emergencies according to an emergency action plan in a workplace ( <b>emergency preparedness</b> ) Deal with safety, health and environmental emergencies in the workplace ( <b>emergency preparedness</b> ) Explain emergency preparedness and response procedures ( <b>emergency preparedness</b> ) Conduct an investigation into workplace incidents ( <b>incident investigation</b> ) Conduct a <b>task analysis</b> and take appropriate action to address identified risks Monitor and make recommendations on the application of health and safety principles regarding <b>hazardous substances</b> in the working place Provide risk-based primary emergency care/ <b>first aid</b> in the workplace Apply safety, health and environmental protection procedures ( <b>SHE Representative</b> ) Perform the role of a safety, health and environmental protection representative ( <b>SHE Representative</b> ) Monitor, report and advise on the application of safety and health principles regarding the movement of people and materials in and around a working place ( <b>material handling</b> )	2 (3) 1 (3) 2 (4) 4 (4) 3 (4) 4 (4) 3 (4) 3 (2) 2 (2) 3 (2) 2 (4) 2 (3) 3 (5) 4 (4) 4 (3) 2 (5) 3 (6) 3 (4) 3 (7)		✓	✓	✓		



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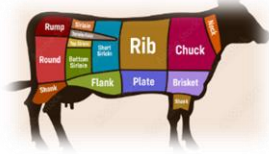
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SAQA ID	Module / Intervention description	NQF level (credits)	SETA					
			QCTO	Agri-SETA	merSETA	CETA	TETA	SLA **
119744 12219 12476 243072 243063 243066 243067 260720 9869 9864 259885	<b>1.2.2. Engineering:</b> Select, use and care for engineering <b>hand tools</b> Select, use and care for engineering <b>power tools</b> Select, use and care for engineering <b>measuring equipment</b> Weld workpieces using the <b>oxy-acetylene gas welding</b> process in the downhand position Weld carbon steel work-pieces using the <b>SMAW</b> process in the down-hand position Weld carbon steel workpieces using the <b>GMAW</b> process in the down-hand position Cut materials using the <b>oxy-fuel gas cutting</b> process (manual cutting) Balance a wheel ( <b>wheel balancing</b> ) Repair punctures and fit tyres to wheels ( <b>tyre puncture repair</b> ) Repair and replace light and heavy commercial vehicle tyres ( <b>tyre repair and replacement</b> ) Demonstrate <b>knowledge</b> of automotive vehicle tyres and wheels	2 (8) 2 (6) 2 (4) 2 (10) 2 (15) 2 (8) 2 (6) 2 (2) 3 (9) 3 (17) 3 (7)			v			
SAQA ID	Module / Intervention description	NQF level (credits)	SETA					
			QCTO	Agri-SETA	merSETA	CETA	TETA	SLA **
229998 229995 244365 262727 262747 243272 262712 262804 242974 242976	<b>1.2.3. Construction:</b> Explain and perform fall arrest techniques when <b>working at height</b> Install, use and perform <b>basic rescues</b> from fall arrest systems and implement the <b>fall protection plan</b> Lift and move material and equipment by means of a <b>forklift</b> Operate a backhoe/loader (TLB) Operate a <b>front end loader</b> Operate a Mobile Elevating Work Platform ( <b>MEWP</b> ) Operate a skid steer loader ( <b>bobcat</b> ) Operate a <b>tractor</b> Operate counter-balanced <b>lift truck</b> Operate <b>overhead/gantry cranes</b>	1 (2) 2 (3) 2 (3) 2 (15) 2 (12) 2 (10) 2 (8) 2 (8) 3 (7) 2 (5)				v		v v
264235 252259 262685 262724 123258 15091 244605 9322 120362 120349 120354	<b>1.2.4. Leadership:</b> Apply supervisory management principles in an enterprise Plan, organise and manage own activities in the organisation Demonstrate an understanding of earthworks Demonstrate knowledge of civil construction works Foster and maintain customer relations Plan to manage one's time Demonstrate ability to participate effectively in a team or group Work in a team Monitor, report and make recommendations pertaining to specified requirements in terms of working at heights Monitor and make recommendations on the application of health and safety principles regarding lifting equipment in the working place Monitor and make recommendations on the application of health and safety principles regarding pressure vessels and pressure systems in the working place	3 (10) 1 (2) 2 (3) 2 (3) 3 (10) 1 (3) 2 (2) 2 (3) 3 (4) 4 (3) 4 (4)		v	v	v		

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NonAcc	<b>1.2.5. Other:</b> Introduction to meat processing (introduction) 	N/A						✓
NonAcc	Baking for beginners (introduction)	N/A						✓
NonAcc	Basic plumbing (Introduction)	N/A						✓

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### 1.3. Full qualifications

SAQA ID	Qualification description (Minimum of 10 candidates)	NQF level (credits)	SETA					
			QCTO	Agri-SETA	merSETA	CETA	TETA	SLA **
66649	<b>National certificate: Landscaping:</b> A Learner achieving this qualification will be able to work effectively and productively within the field of horticulture knowing how to: <ul style="list-style-type: none"> <li>Ensure health and safety standards in the horticultural industry</li> <li>Maintain practices of providing plant care and nutrition for ornamental plants and landscapes</li> <li>Shape trees and shrubs to promote flowering</li> <li>Ensure that alien invader plants are controlled</li> <li>Recognize a range of ornamental plants used in horticulture and care for plants that require special attention</li> <li>Ensure that grassed areas are maintained through the application of mowing and de-thatching practices</li> <li>Ensure that the irrigation systems installed in landscaped areas are properly maintained</li> <li>Supervise and maintain specific sportsturf areas</li> </ul> 	3 (120)		✓				
48972 48975	<b>National certificate: Plant production:</b> The purpose of the qualification is to allow new entrants access to the primary agricultural sector with specific reference to plant production. The contextualised purpose and usage of the qualification is as follows: <ul style="list-style-type: none"> <li>A learner assessed against this qualification will have the necessary competence to participate as part of a working team, performing the agricultural processes as applicable to Plant production in a closely defined context and under close supervision</li> <li>Competency will be gained in any of the specialized sub-fields of plant production as specified under areas of specialization (i.e., vegetables, fruit production, hydroponics, etc.)</li> <li>The learner will be able to take responsible decisions within a limited range based on a sound understanding of the basic principles of agri-business and good agricultural practices, in meeting the set objectives and targets within the broader farm plan which includes the economical application of general resources, agricultural production and technical knowledge and skills, all in a plant production context</li> <li>The learner will be able to carry out repetitive procedures in a predictable environment and will be able to adhere to the relevant safety, quality, hygiene and technical standards as applicable within the industry</li> <li>In addition to the above, the learner will be well positioned to extend learning and practice into other sub-fields such as plant production and mixed farming, since such efforts will only require additional learning within the elective scope of other qualifications at this level</li> <li>The learner will be well positioned to progress towards higher levels of management and technical production practices as defined by qualifications at the next level</li> <li>Learners will be enabled to actively participate in the primary agricultural sector through the production of quality agricultural products, enhancing the overall agricultural process and gain opportunities to access local, national and international agricultural markets</li> <li>Finally, this qualification will allow qualifying learners to become economically active in farming practices that will have a direct impact on local economic development through the production of food, the improvement of household food security and access to mainstream agriculture</li> </ul> 	1 (120) 2 (120)		✓ ✓				



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49052	<p><b>National certificate: Plant production:</b></p> <ul style="list-style-type: none"> <li>A learner assessed as competent against this qualification will have the necessary competence to supervise and lead a working team performing the agricultural processes as applicable to plant husbandry</li> <li>Furthermore, the learner will be able to take responsible decisions based on a sound understanding of the basic principles of agri-business and good agricultural practices, in meeting the set objectives and targets within the broader farm plan which includes the economical application of general resources, agricultural production and technical knowledge and skills</li> <li>The learner will also be able to adhere to and implement according to the level of supervision as well as the relevant quality, safety and hygiene standards as applicable within the industry</li> <li>In addition, they will be well positioned to extend their learning and practice into other areas of agricultural commodities within a context of either agronomy, or horticulture as applicable to the agricultural commodity, or to strive towards agricultural management standards and practice at higher levels</li> <li>Competent qualifying learners in this qualification will oversee the production of quality agricultural products whereby enhancing the overall agricultural process and gain opportunities to access local, national and international agricultural markets</li> </ul> 	3 (120)		✓				
49009	<p><b>National certificate: Plant production:</b></p> <p>The purpose of this qualification is to allow supervisors to progress towards a junior farm manager position with specific reference to plant production. The contextualised purpose and usage of the qualification is as follows:</p> <ul style="list-style-type: none"> <li>A learner assessed against this qualification will have the necessary competence to manage supervisors and working teams, performing the agricultural processes as applicable to plant production in a range of plant production taking responsibility for the quality and quantity of outputs</li> <li>The learner will be able to take complete responsibility for her/his own actions and also take responsibility for supervising others at lower levels within a plant production context under broad guidance and evaluation</li> <li>Competency will be gained in any of the specialized sub-fields of plant production as specified under areas of specialization (i.e., vegetables, fruit production, hydroponics, etc.) with a strong focus on management</li> <li>The learner will be able to take responsible decisions within a wide range based on a sound understanding of the basic principles of agri-business and good agricultural practices, in meeting the set objectives and targets within the broader farm plan which includes the economical application of general resources, agricultural production and technical knowledge and skills, all in a plant production context</li> <li>The Learner will be able to oversee the implementation of a wide range of procedures and will be able to ensure the relevant safety, quality, hygiene and technical standards as applicable within the industry</li> <li>In addition to the above, the learner will be well positioned to extend learning and practice into other sub-fields such as plant production and mixed farming, since such efforts will only require additional learning within the elective scope of other qualifications at this level</li> <li>The learner will be well positioned to progress towards higher levels of management and technical production practices as defined by qualifications at the next level</li> <li>Learners will be enabled to actively participate in the primary agricultural sector through the production of quality agricultural products, enhancing the overall agricultural process and gain opportunities to access local, national and international agricultural markets</li> <li>This qualification will allow qualifying learners to become economically active in farming practices that will have a direct impact on local economic development through the production of food, the improvement of household food security and access to mainstream agriculture</li> <li>Finally, learners will be able to guide and direct others in terms of the planning, implementation and control of development projects within a plant production context</li> </ul> 	4 (142)		✓				

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65789	<p><b>National certificate: Construction plant operations:</b></p> <p>This Qualification has been developed to assist with the advancement of the learner across the Civil Engineering and Construction Industry and is aimed at Construction Plant Operations practitioners in the Industry, ensuring the upliftment of standards in general.</p> <p>The combination of learning outcomes will provide the qualifying learner with vocational knowledge and skills appropriate to the context of Construction Plant Operations in the Civil Engineering and Construction environment. It will also equip learners with a foundation for further intellectual development, opportunities for gainful employment and reward for contributions to society.</p> <p>This Qualification will provide the Industry with qualified Construction Plant Operations practitioners, thereby facilitating social and economic transformation, empowerment and upliftment in the Industry and country in general.</p> <p>Qualifying learners will be capable of:</p> <p>Applying health and safety principles in plant operations:</p> <ul style="list-style-type: none"> <li>Understanding plant operations in the construction environment</li> <li>Performing plant operation related functions</li> <li>Adhering to plant operation personnel procedures</li> <li>Understanding mechanical and leverage principles to operate earthmoving, transport and/or ancillary plant</li> </ul>	2 (120)				v		
77063	<p><b>National certificate: Construction health and safety:</b></p> <p>Learners will be equipped to work in the construction industry with a broad understanding and knowledge of Occupational Health, Safety and Environmental legislation and controls. They will be able to deal with health and safety problems and issues on construction sites.</p> <p>Qualifying learners will be able to responsibly, independently and effectively manage themselves on construction sites regarding generic health and safety issues. Learners will be able to identify and evaluate occupational safety, hygiene and environmental factors in occupational environments which may have a detrimental effect on the health and safety of people in such environments. Learners credited with this Qualification will be able to perform essential functions that promote a culture of health and safety on construction sites.</p> <p>Learners credited with this qualification will be capable of:</p> <ul style="list-style-type: none"> <li>Using verbal, electronic and written modes to communicate in the workplace and apply mathematical processes to solve every day numerical problems in the mitigation of identified construction workplace hazards and/or risks</li> <li>Explaining the requirements of current, relevant legislation and accepted theories impacting on Health, Safety and Environmental issues in the construction environment</li> <li>Recognising, assessing and reporting health and safety hazards and situations on the relevant construction site</li> <li>Administering various functions required to ensure health and safety on construction sites to encourage safety awareness and behaviour</li> </ul>	3 (133)				v		



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#### 1.4. Skills programmes

merSETA ID	Qualification description (Minimum of 10 candidates)	NQF level (credits)	SETA					
			QCTO	Agri-SETA	merSETA	CETA	TETA	SLA **
SP 0133/07-17(a)	Workplace Safety	2 (8)			√			
SP 0233/08-17	Basic fire fighting	2 (4)			√			
SP 0634/12-17	Safe Use Of Gas Cutting Tools	2 (24)			√			
SP 0635/12-17	Carbon Steel Arc And Gas Welding Operator	2 (36)			√			
SP 1040/19-17	Safety, health and environmental Representative protection	3 (10)			√			
SP 0552/11-17	Basic Welding Course Level 2	2 (42)			√			
SP 1028/18-17	Basic shielded metal welder	2 (39)			√			
SP 0940/15-17	Basic Shielded and Metal welding Skills	2 (27)			√			
SP 0690/12-17	Carbon Steel Plate (Structural Welding)	2 (50)			√			
SP 0062/06-17	Safety, health and environment business relations	2 (37)			√			
SP 0945/15-17	Wheel Balancer	2 (20)			√			
SP 1005/17-17	Vehicle Tyre fitter and repairer	3 (20)			√			

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