

**TITLE : TETA – OPERATE ROUGH TERRAIN/EARTHMOVING/AGRICULTURAL EQUIPMENT**



Document Owner: Operations Manager

<b>SAQA US ID</b>	<b>260762</b>	<b>ELECTIVE</b>		
<b>Unit Standard Title</b>	Operate rough terrain/earthmoving/agricultural equipment			
<b>NQF Level</b>	03	<b>SGB</b>	Generic Manufacturing, Engineering, Technology	
<b>Credits</b>	11	<b>Notional Hours</b>		110
<b>Duration</b>	<b>Candidate</b>	<b>Knowledge</b>	<b>Practical</b>	<b>Workplace</b>
	<b>Novice</b>	2 days	3 days	N/A
	<b>RPL (Re-fresher)</b>	N/A	N/A	N/A
	<b>Re-certification</b>	½ day	½ day	N/A
<b>Ratio of candidates to assessor</b>	4:1		4:1	N/A

- NOTE:** Training duration applies to one specific range of rough terrain lifting equipment only.
- : The duration of the training may be extended to maximum credit value if the assessor is not satisfied with the candidate's performance or;
  - : If attachments, other than that already on the machine, or;
  - : If a various range of equipment from same or different manufacturers need to be trained on.
  - : For re-certification, previous certificates, not older than 90 days of its expiry date are to be produced as evidence

<p align="center"><b><u>PURPOSE OF THE COURSE</u></b></p> <p>Rough terrain/earthmoving/agricultural equipment is inherently dangerous; hence, their safe operation cannot be overstated. The learner will also acquire the competencies and skills to operate the components, systems and levers to accomplish the task of lifting and handling loads appropriately. The aspects of safety and communication during the lifting operation are covered.</p> <p>It is important that the learners operate rough terrain/earthmoving/agricultural equipment using the competencies in this Unit Standard and in keeping with the requirements of the National Code of Practice (NCOP) for the Evaluation of Training Providers for Lifting Machine Operators (Government Gazette 27292: 18 February 2005).</p>	<p align="center"><b><u>PRE-REQUISITES</u></b></p> <ul style="list-style-type: none"> <li>• Communication at NQF Level 3.</li> <li>• Mathematical Literacy at NQF Level 3.</li> <li>• Certified copy of ID</li> </ul>
<p align="center"><b><u>SPECIFIC OUTCOMES OF THE COURSE</u></b></p> <ul style="list-style-type: none"> <li>• Discuss and apply the regulatory framework for operating rough terrain/earthmoving/agricultural equipment.</li> <li>• Describe the rough terrain/earthmoving/agricultural equipment to be operated.</li> <li>• Demonstrate mechanical awareness of the rough terrain/earthmoving/agricultural equipment.</li> <li>• Inspect the rough terrain/earthmoving/agricultural equipment.</li> <li>• Handle loads with a rough terrain/earthmoving/agricultural equipment.</li> <li>• Operate the rough terrain/earthmoving/agricultural equipment</li> </ul>	<p align="center"><b><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></b></p> <ul style="list-style-type: none"> <li>• Legislation and Regulations.</li> <li>• Components, systems, instrumentation, levers, controls and warning devices of lifting machines.</li> <li>• Principles of leverage, centre of gravity.</li> <li>• Types of lift trucks.</li> <li>• Limitations, capabilities and capacities of the rough terrain/earthmoving/agricultural equipment.</li> <li>• Principles and properties of loads.</li> <li>• Safety operating procedures.</li> <li>• Communication skills.</li> </ul>