

**TITLE: TETA – OPERATE A TELESCOPIC BOOM HANDLER**



**Document Owner: Operations Manager**

<b>SAQA US ID</b>	<b>260781</b>	<b>ELECTIVE</b>		
<b>Unit Standard Title</b>	Operate a telescopic boom handler			
<b>NQF Level</b>	03	<b>SGB</b>	Generic Manufacturing, Engineering, Technology	
<b>Credits</b>	10	<b>Notional Hours</b>		100
<b>Duration</b>	<b>Candidate</b>	<b>Knowledge</b>	<b>Practical</b>	<b>On the job</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:** The duration of the training may be extended if an assessor is not satisfied with the candidate's performance, or;

- : If added attachments, other than that already on the machine, or;
- : If various ranges of machine from the 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>Operating a lifting machine takes place within a regulatory framework that seeks to ensure safety of the operator, the lifting machine and the lifting machine environment. Telescopic boom handlers are 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 align="center"><b><u>PRE-REQUISITES</u></b></p> <ul style="list-style-type: none"> <li>• Communication and Mathematical Literacy at NQF Level 3 or Grade 11 equivalent</li> <li>• Copy of an ID certified no more than 3 months</li> <li>• Copy of medical certificate</li> </ul>
<p align="center"><b><u>SPECIFIC OUTCOMES OF THE COURSE</u></b></p> <ul style="list-style-type: none"> <li>• Discussing and applying the regulatory framework for operating Telescopic boom handlers.</li> <li>• Describing the telescopic boom handler to be operated.</li> <li>• Demonstrating mechanical awareness of the telescopic boom handler.</li> <li>• Inspecting the telescopic boom handler.</li> <li>• Handling loads with a telescopic boom handler.</li> <li>• Operating the telescopic boom handler.</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 telescopic boom handler.</li> <li>• Principles and properties of loads.</li> <li>• Safety operating procedures.</li> <li>• Communication skills</li> </ul>