

## Smelter Operations, Handling Molten Material

**Introduction:** The learner will be able to perform the correct maintenance, and operational procedures when handling molten material.

### SAQA unit standard ID number – 259697

<p><b>Target group:</b></p> <p>All relevant production employees, artisans, or, as required per production needs, without previous certification</p>	<p><b>Certification:</b></p> <ul style="list-style-type: none"> <li>▪ Theoretical assessments = 80% pass rate</li> <li>▪ Practical assessments = Competent or Not Yet Competent</li> <li>▪ 2 re-writes allowed per module</li> </ul>	<p><b>Duration:</b></p> <p>15 Days</p>
<p><b>Entry Level Requirements:</b></p> <ul style="list-style-type: none"> <li>▪ Minimum Literacy and Numeracy ABET 4 or NQF 2 or RPL, Grade 9</li> <li>▪ Overhead Crane licence Hot Metal.</li> </ul>	<p><b>If competent a competence certificate will be issued</b></p>	

### COURSE OUTLINE

<ul style="list-style-type: none"> <li>▪ Safety Steps and Risk Assessment</li> <li>▪ The hazards and risks associated, pertaining to OHS Act,1993 and General Machinery regulations</li> <li>▪ Base line assessment</li> <li>▪ Plan work activity</li> <li>▪ Molten material Requirements</li> <li>▪ Inspecting equipment</li> <li>▪ Handle molten material</li> <li>▪ Safe working procedures</li> <li>▪ Appropriate Personal Protective Equipment</li> <li>▪ Unsafe acts conditions ,and heat stress and in the workplace</li> <li>▪ Lockout procedure and the consequences of non –compliance</li> <li>▪ Actions to be taken should sub standard conditions and problems occur</li> <li>▪ Affected parties and team members</li> </ul>	<p><b>Duration:</b></p> <p>15 Days</p>
<p><b>15 days</b></p>	