

Smelter Operations, Casting Molten Metal

Introduction: Understand ,identify and operate all task specific equipment and machinery to cast molten metal

SAQA unit standard ID number – 259697

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

<ul style="list-style-type: none"> ▪ Safety Steps and Risk Assessment ▪ The hazards and risks associated, pertaining to OHS Act,1993 and General Machinery regulations ▪ Baseline Risk assessment ▪ Affected parties and team members ▪ Safe working procedures ▪ Appropriate Personal Protective Equipment ▪ Prepare for Casting ▪ Unsafe acts & conditions , and heat stress in the workplace ▪ Lockout procedure and the consequences of non – compliance ▪ Specialised casting process ▪ Actions to be taken should sub standard conditions and problems occur ▪ Hazards and associated risks preparing the granulation of molten metal ▪ Practical training in the Casting Molten Metal 	<p>Duration:</p> <p>15 Days</p>
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