

Smelter Operations, Control solid paste level to compensate for electrode consumption

Introduction: The learner will understand, identify and operate all task specific equipment and machinery and plan the work activity to control solid paste levels

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 	<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 ▪ Preparing to control solid paste levels ▪ Components of electrodes and their functions ▪ Electrode operation Requirements ▪ Resins of low molecular mass ▪ The aggregate and their effect on the quality of carbon paste ▪ Forming of Söderberg electrodes ▪ Electrode paste baking ▪ Paste Storage ▪ Paste level control ▪ Safety equipment ▪ Lock out procedures ▪ Duties preparing to control solid paste levels ▪ Affected parties and team members ▪ Safe working procedures ▪ Appropriate Personal Protective Equipment 	<p>Duration:</p> <p>15 Days</p>
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