

Smelter Operations, Prepare the furnace for Maintenance

Introduction: Understand the importance of preparing the furnace for maintenance and pre start inspections.

SAQA unit standard ID number – 259694 & 259685

Target group: All relevant production employees, artisans, or, as required per production needs, without previous certification	Certification: <ul style="list-style-type: none"> ▪ Theoretical assessments = 80% pass rate ▪ Practical assessments = Competent or Not Yet Competent ▪ 2 re-writes allowed per module 	Duration: 20 Days
Entry Level Requirements: <ul style="list-style-type: none"> ▪ Minimum Literacy and Numeracy ABET 4 or NQF 3 or RPL, Grade 9 	If competent a competence certificate will be issued	

COURSE OUTLINE

<ul style="list-style-type: none"> ▪ Safety Steps and Risk Assessment ▪ The hazards and risks associated, pertaining OHS Act,1993 and General Machinery regulations ▪ Electrodes and Burns ▪ Prevention of minor injuries and burns ▪ Legislation ▪ Prepare the furnace for Maintenance ▪ Start up the furnace after the shut down ▪ De isolation and pre start inspection of furnace and equipment ▪ Actions to be taken should sub standard conditions and problems occur ▪ Lockout procedure and the consequences of non –compliance ▪ Appropriate Personal protective Equipment ▪ Safe working procedures ▪ Affected parties and team members ▪ Baseline Risk assessment 	Duration: 20 Days
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