

Smelter Operations, Opening a Tap hole by means of a Tap hole drill

Introduction: To inform the learner of the importance of drilling a furnace tap hole correctly and in a safe manner.

SAQA unit standard ID number – 114881

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 <p>If competent a competence certificate will be issued</p>	Duration 10 Days
Entry Level Requirements: <ul style="list-style-type: none"> ▪ Minimum Literacy and Numeracy ABET 4 or NQF 1 or RPL, Grade 9 		

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 ▪ Electrocutation and Burns ▪ Heat stress Hazards ▪ Safe working procedures ▪ Unsafe conditions and acts ▪ Appropriate Personal protective equipment ▪ Prevention of minor injuries and burns ▪ Legislation ▪ Prepare to drill at taphole ▪ Typical control panel for a taphole Drill ▪ Drilling the taphole procedure ▪ Emergency procedures ▪ Completed duties Preparing the tapping process ▪ Operation of the tap hole drill 	Duration: 10 Days
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