

Smelter Operations, Inspecting Furnace Equipment And Monitoring Auxiliaries

Introduction:

Understand the furnace operator is the key figure of responsibility for the furnace and auxiliary equipment

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: 15 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 to OHS Act, 1993 and General Machinery regulations ▪ Inspection and monitoring of furnace equipment ▪ Furnace constructions and lining temperature monitoring ▪ Inspection and monitoring of downstream equipment ▪ Inspection and monitoring of upstream equipment ▪ Pre start inspection after shutdown ▪ Inspection of furnace gas cleaning plant ▪ Affected parties and team members ▪ Safe working procedures 	Duration: 15 Days
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