

Secondary Blasting Operations for Underground Hard Rock

Introduction: This Skills Program forms Step 2 of the National Certificate: Rockbreaking Underground Hard Rock (58760) NQF Level 3(See Process Chart) and is also an exit level outcome in its own right.

Description: People credited with this skills program are able to perform blasting operations that require single shot firing to assist in the production process, i.e. to remove obstructions in ore-passes, box-holes, tips and travelling-ways, scraper-ways, etc. and also to blast down hazardous hanging wall and sidewall.

SAQA Qualification ID: MQA/SP/0062/07

<p>Target group:</p> <p>New employees and or existing employees.</p>	<p>Certification:</p> <p>Core: 244458; 244486; 244460</p> <p>Elective: 244461; 244457; 244489 (Could be RPL'd ±2 days per unit standard)</p> <p>If competent a competence certificate will be issued by MQA</p>	<p>Duration:</p> <p>60 Days</p> <p>Days can be reduced depending on RPL</p>
<p>Entry Level Requirements:</p> <ul style="list-style-type: none"> ▪ Minimum Literacy and Numeracy ABET 4 or NQF 1 or RPL, Grade 9 		

Core:

244458 - [Demonstrate an understanding of legal terms and requirements related to rockbreaking operations](#)

Core:

244486 - [Identify and deal with rock strata conditions pertaining to daily mining operations within an underground-working place](#)

Core:

244460 - [Install an initiating system used in blasting operations underground](#)

Elective:

244461 - [Mark shot holes for primary blasting in an underground working place](#)

Elective:

244457 – [Time, connect and initiate a blast of a face](#)

Elective:

244489 - [Time, connect and initiate a number of shot holes using electric/electronic delay detonators](#)

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