



The Institute of Quarrying
Australia

Explosives and Blasting for Shotfirers and Quarry Operators	
Item	Details
Duration	1 –day
Potential Participants	<p>Quarry Shotfirers Quarry Production Personnel, including:</p> <ul style="list-style-type: none"> • Plant operators and anyone who may support shotfiring on a casual basis • Drillers • Processing plant operators • Pit surveyors • Emergency response coordinators <p>Pit operations supervisors Consulting Engineers supplying related quarry services. Quarry Suppliers connecting with drilling & blasting Industry Professionals involved in the design or application of quarry products.</p>
Topics Covered	<p>Topics Covered will be pitched at shotfirers, casual or permanent members of shot crews, and others who are closely connected with shotfiring.</p> <ul style="list-style-type: none"> • Relate some shotfiring incidents to your own operations <ul style="list-style-type: none"> - understanding what an explosive is - identifying hazards and risks associated with explosives • Conduct charging and firing <ul style="list-style-type: none"> - loading, stemming, tying-in - clearing, isolating the shot • Conduct post-blast checks • Report/record blasts • Handle/prevent misfires and flyrock • Manage blast design parameters <ul style="list-style-type: none"> - estimating patterns - calculating explosives required - identifying the MIC - considering operational limitations - controlling the impacts of blasting