

SFCZ  
**Shotfirer Training Course**  
爆石工訓練課程

The course content includes Knowledge of Explosives : Classification of Explosives, Transport / Storage and Handling of Explosives, Types of Explosives, Properties of Explosives; Knowledge of Blasting : Theory of Blasting, Drilling Operations, Blasting Design, Calculation of Explosive Charge, Controlled Blasting, Effects of Blasting, Case Study of Blasting in Difficult Conditions; Safety for Blasting Operation : Safety Working Procedure, Protective and Precautionary Measures Taken, Extraneous Electricity Hazards, Examination of Blast Area after Firing, Handling of Misfires, Documentation – Completion of Shotfirer Charging Details, Charges that cannot be discharged on the Explosives Delivery Day, Inclement Weather – Typhoon, Thunderstorm or red/black rainstorm.

課程內容包括：認識爆炸品：爆炸品的分類、運送/貯存及處理爆炸品、爆炸品種類、炸藥的性能；認識爆破：爆破理論、鑽孔、爆破設計、炸藥量計算、控制爆破、爆破造成的影響、在條件欠佳的情況下進行爆破的個案研討；爆破工作的安全：安全工作程序、採取保護及預防措施、外來的電力危害、爆破後對爆破位置進行檢查、失響(盲炮)處理、文件紀錄，例如爆石工裝藥紀錄、於運送炸藥當日仍未使用的炸藥處理程序、惡劣天氣，例如颱風、雷暴警告或紅色/黑色暴雨警告。

Lecturer 講師	Professionals 專業人士
Medium of Instruction 授課語言	Cantonese 廣東話
Study Mode 課程制式	Part-time evening 夜間部份時間制 : 19:00-22:00
Duration 授課期	35 hours (12 sessions) 35小時 (12堂)
Venue 上課地點	HKIC, Kowloon Bay Campus, 44 Tai Yip Street, Kowloon Bay, Kowloon 九龍 九龍灣大業街 44 號 香港建造學院 九龍灣院校
Admission Requirements 入學條件	Construction industry practitioners who have completed Form 3 or equivalent with 2 years relevant working experience and can read and write the Chinese. Applicants who cannot fulfill the requisite academic qualifications, must undergo and pass the Chinese and English tests organised by the Hong Kong Institute of Construction. 完成中三或具同等學歷；具兩年建造業工作經驗；及能讀寫中文。 申請人未符合學歷要求則必須通過香港建造學院的中文及英文測驗。
Award of Certificate 證書頒發	Attended 9 sessions or above and passed the examination (Pass mark: 80% or above) 出席課程9堂或以上及考試合格 (80分或以上為合格)
Course Fee 課程費用	\$4180
Enquiry 查詢課程	21009000 / 21009842
Recognition 資格承認	Successful completion of this programme is one of the criteria for application for the "Mine Blasting Certificate" issued by the Civil Engineering and Development Department. 完成此課程可符合其中一項報考土木工程拓展署「礦場燃爆證書」的條件。
Application Method 報名方法	Please apply online on <a href="#">SPDC portal</a> 請透過建造專業進修院校的 <a href="#">網上報名系統</a> 報名