

CONTROLLED DEMOLITIONS

Project plan management
Safety and Security
Site remediation and Recycling
Machine demolition in open/confined areas
Blasting demolition techniques
Reinforced concrete cutting
Barring-down and Rock blasting
Vibration and Acoustic monitoring

SNOW SCIENCE

Project plan management
Risks analysis, Zoning and Snow engineering
Snow metrics and Forecasting
Avalanche dynamics analysis
Safety and Security
Avalanche control program

EXPLOSIVES ENGINEERING

Microscopy of explosives
Technical supervision in Mine Action
Risk, hazard and safety of explosives
Special effects planning and Awareness
Explosive Welding of bimetals and alloys
Monitoring in prevention of gas and dust explosions
Blast resistant design in Architecture and Civil Engineering
Management of the explosives threat in the field of Security

Short training Courses and Seminars:

Safety of explosives in the management of Security;
Blasting demolition of structures – guidelines for a proper risks analysis;
Blasting demolition of structures – effective evaluation of techniques for
a proper project plan management;
Blaster's license Training and Continuing Education.