

Advance eXplosive Research Group (AXPRO)

Research Center of Excellency and Education at Colorado School of Mines

Explosive Education

The “**Advance Explosive Research Group**” (**AXPRO**), is education center at **Colorado School of Mines** (CSM) and one of the basic education mission is to provide professional training seminars, ongoing blaster education and research in the field of explosives and blasting. The training facility is located on CSM campus and Explosive research Laboratory (ERL) in Idaho Springs, Colorado. The AXPRO research center of excellency and education is provide both seminars and hands-on courses training in various aspects of blasting for the Mining, Construction and Avalanche Industry.

AXPRO team offering Introductory blasting seminars for new employees in the industry as well as advanced blasting training programs in “special use” areas in specific subjects are available and can be tailor to different client.



Construction Blaster Training

AXPRO CSM is offering **4.5 days** hands on practical explosive training which will cover: blasting safety, electrical safety, drilling pattern, blast design, safe loading & handling, transportation, fly rock, misfires, premature detonations, storage, security, new products, detonator safety, incident reporting, bulk explosives, seismographs, and detail review of Colorado Explosive C.C.R. 1101-9 regulations. Training will cover the specific hazards and control measures for the type of drilling and construction blasting. This class is design to provide practical training for mining, quarry, construction, rock boulder removal, tree and stumps removals, trenching and holes for post setting.



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