

Appendix A
BLASTING SPECIALTIES AND
REQUIREMENTS FOR CERTIFICATION*

Specialty Title	Minimum Requirements
Technical Blasting	National Park Service blaster; successful completion of "Advanced Blasting Techniques," and show previous experience in large-blast design and delay-blasting acceptable to regional blasting officer.
Trenching and Rock Excavation	National Park Service blaster; successful completion of "Advanced Blasting Techniques," plus eight hours minimum NPS training in this specialty, and show previous experience in trenching and bedrock excavation acceptable to regional blasting officer.
Logjams	National Park Service Blaster; eight hours minimum NPS training in this specialty, recommended by instructor and approved by regional blasting officer.
Icejams	Same as for logjams.
Underwater (non-diving)	Same as for logjams.
Timber Felling	Includes snags; same as for logjams, except must have minimum three years prior experience in falling similar timber with saw.
Avalanche Control	National Park Service blaster; certified by the National Avalanche Training School and approved by regional blasting officer, and U S Army personnel regarding military certification
Fireline Blasting	National Park Service blaster; recommended from USFS Fireline Explosives School and approved by regional blasting officer.
Demolition	(Limited to small structures such as single-story buildings, wood or masonry bridges, small diversion dams, foundations and footings, masonry tanks, etc.). National Park Service blaster; successful completion of "Advanced Blasting Techniques," plus 16 hours minimum NPS training in this specialty; show prior experience, similar to type of demolition to be done, acceptable to regional blasting officer.
Disposal (of unstable or potentially unstable products)	National Park Service blaster; eight hours minimum NPS classroom and eight hours minimum NPS field training in this specialty; minimum three prior experiences under supervision of someone qualified in disposal; recommended by instructor and chief park blaster, approved by regional blasting officer.

* Other specialties such as blasting of structural steel and cable, channel blasting, blast casting, underwater blasting at diving depths, tunnel blasting, etc. may be developed as a NPS need for such work is demonstrated.