

Magazines and Explosives Classes Stored	
Type 1	All classes
Type 2	All classes
Type 3	("Day Box") Temporary attended storage of all classes
Type 4	Low explosives, blasting agents & non-mass detonating detonators (only with certain other items)
Type 5	Blasting agents

Smoking, Matches, Open Flames, Spark Producing Devices

- Not permitted in any magazine; within 50' of any outdoor magazine; or in any room containing an indoor magazine.

Lighting

- Must meet National Electrical Code/ NFPA 70-81 standards.
- Electrical switches and wiring must be outside of magazine. Battery-activated safety lights or lanterns acceptable.

Housekeeping

- Magazines must be clean, dry, and free of grit, paper, empty packages/containers and rubbish.
- Brooms and utensils used in cleaning and maintenance must be free of spark producing metal, and may be kept in magazines.
- Floors stained by explosives must be cleaned, and deteriorated explosives must be destroyed per manufacturer instructions.
- Surrounding area must be kept clear of rubbish, brush, dry grass, or trees (less than 10' tall), for no less than 25' radius. Live foliage to stabilize earthen covering is acceptable. Volatile materials no closer than 50' from outdoor magazines.

Type 1 Magazines	
Permanent structure; must be bullet-, fire-, weather- & theft- resistant. (See also ATF Ruling 76-18.)	
Item	Requirements
Roof (Bullet-resistant ceiling/ roof)	If roof not fabricated metal, outer roof must be covered with no less than 26-gauge iron or aluminum, fastened to at least 7/8" sheathing. If bullet could be fired directly through roof at an angle to strike explosives in magazine, roof must include sand tray lined with a layer of nonporous material, filled with at least 4" coarse, dry sand, and located at tops of inner walls covering entire ceiling area (except ventilation); OR be a fabricated metal roof of 3/16" plate steel lined with 4" hardwood. For each additional 1/16" of plate steel, hardwood lining may be decreased by 1".
Foundation	Brick, concrete, cement block, stone, or wood posts. If piers or posts used in lieu of continuous foundation, enclose the space under buildings with metal. Ground around buildings must slope away for drainage, or other adequate drainage provided.

Floor	Nonsparking and strong enough to bear maximum storage weight. Pallets constructed of, or covered with, non-sparking material acceptable.
Masonry Wall	Brick, concrete, tile, cement block, or cinder block no less than 6" thick. Hollow masonry spaces filled with well-tamped, coarse, dry sand or weak concrete (no less than 1 part cement/8 parts sand with water to dampen while tamping).
Metal Wall	Fabricated sectional sheet steel or aluminum (no less than 14-gauge) securely fastened to metal framework. Interior lined with brick, solid cement blocks, hardwood (no less than 4" thick) or at least 6" of sand fill between interior and exterior walls.
Interior Wall (Masonry and metal walls)	Constructed of, or covered with, nonsparking material. No sparking material exposed to contact with explosives. Ferrous metal nails in floor and walls must be blind nailed, countersunk, or covered with non-sparking material.
Wood Wall	Exterior covered with iron or aluminum no less than 26-gauge. Inner walls must be covered with nonsparking material constructed with no less than 6" of space (filled with coarse dry sand or weak concrete) between outer and inner walls.
Ventilation (No openings except for entrances and ventilation)	Vent openings must be screened. Openings in walls and foundations must be offset or shielded. Explosives may not be placed directly against interior walls and must be stored so as not to interfere with ventilation. A nonsparking lattice work or other nonsparking material may be used to prevent contact of explosive materials with walls.
Doors	At least 1/4" plate steel, lined with 2" hardwood. Hinges and hasps attached by welding, riveting, or bolting (nuts inside door), and installed to prevent removal when doors are closed and locked.
Locks	Each door must have 2 mortise locks; 2 padlocks fastened in separate hasps & staples; a combination of mortise lock and padlock; mortise lock requiring 2 keys; or 3-point lock. Padlocks must have at least 5 tumblers and 3/8" diameter case-hardened shackles. Padlocks must be protected by 1/4" steel hoods to prevent sawing/lever action on locks, hasps, and staples. Locking requirements do not apply to doors secured on inside via bolt, lock or bar that cannot be actuated from outside.
Igloo, Army-type structure, tunnel, and dugout	Built of reinforced concrete, metal, masonry, or combination. If not bullet-resistant, must have earth mound covering of at least 24" on top, sides and rear. Interior walls and floor must be constructed of, or covered with, nonsparking material.

Type 2 Outdoor Magazines	
Box, trailer, semitrailer, or other mobile facility. Bullet-, fire-, weather-, theft-resistant & ventilated.	
Size	Securely fasten to a fixed object if less than 1 cubic yard in size.
Ground	Support magazine to prevent direct contact with the ground.
Exterior	Exterior must be at least 1/4" steel lined with at least 2" hardwood. Any top openings must have lids with water-resistant seals, or which overlap sides by at least 1" when closed.
Doors	Same as Type 1 Magazine.
Locks	Same as Type 1 Magazine.
Type 2 Indoor Magazines	
Fire- and theft-resistant. Bullet- & weather-resistance not required if building provides equivalent protection.	
Wood Construction	Sides, bottom and doors of at least 2" hardwood, well braced at the corners. Covered with no less than 26-gauge sheet metal. Nails exposed on interior must be countersunk.
Metal Construction	Sides, bottom and doors at least 12-gauge metal lined with nonsparking material. Metal cover edges must overlap sides at least 1" when closed.
Doors	Hinge & hasp requirements same as for Type 1 Magazine.
Locks	One steel padlock (hood not required), at least 5 tumblers and 3/8" diameter casehardened shackle for each door if door hinges and lock hasp securely fastened to magazine, and magazine is in secure locked room. Locking requirements do not apply to doors secured on inside via bolt, lock, or bar that cannot be actuated from outside.
Quantity Restrictions	No more than 50 pounds or 5,000 detonators. More than 1 indoor magazine may be located in the same building if the total quantity does not exceed 50 pounds
Type 2 Detonator Box Magazines	
(for detonators in quantities of 100 or less)	
Construction	Sides, bottom and doors at least 12-gauge metal, lined with nonsparking material. Hinges and hasps attached by welding, riveting or bolting (nuts on inside).
Locks	One steel padlock with at least 5 tumblers and at least 3/8" diameter casehardened shackle. No hood required.