



Chemical storage buildings are designed to provide Safe and Secure storage for your hazardous materials. DENIOS, Inc. has over 17 years of experience manufacturing HazMat Storage Systems. Each DENIOS building comes complete with an EPA and FM compliant sump to contain spills from the stored material. This is sometimes referred to as "Secondary Containment" as described in the Code of Federal regulations. DENIOS' wide product range of 22 Standard Building sizes, plus custom lengths to 40 feet insures that you, our customer, get the right product for your application, not a one size fits all solution. In fact, we have the widest range of storage solutions available from any single manufacturer.

### Why a Pre-fabricated DENIOS Building?

HazMat Storage buildings (Flammable Storage Lockers or Inside Liquid Storage Rooms) are pre-engineered and manufactured rooms or buildings that are generally portable meaning that they can be relocated as your site needs change. Site built structures are generally permanent.

DENIOS storage buildings come completely assembled and offer a turnkey solution to your storage needs. They can be placed indoors or out depending on needs and local regulations and usually can be built, shipped and installed in considerably less time and at less cost than permanent site built structures serving the same purpose. Simply set them on a level, concrete surface and hook up electricity as necessary.

DENIOS Buildings are generally best suited where the requirement is to store and handle individual drums, small containers (5 gallon, 1 gallon etc) or where it is necessary to access the stored drums to either dispose of waste material or dispense new material. Buildings are generally not well suited to storing material on pallets due to material handling constraints.

DENIOS also manufactures HazMat Storage Cabinets that are best suited to palletized storage.

### Sizes and Construction:

DENIOS HazMat Storage buildings are available in 8, 10 and 12 foot widths with lengths from 8 to 32 feet. This amounts to 22 standard sizes (8 to 75 drum capacity) available to suit most applications. Each DENIOS building is constructed to order using a solid welded tubular, structural frame for strength with a corrosion resistant steel shell. The building is then coated with a UV and weather resistant finish on the exterior and an epoxy, chemical resistant finish on the interior. The floor grating is hot dipped galvanized for spark and corrosion resistance. All interior electrical wiring is either Class 1, Div 1 or 2 and all exterior wiring is NEMA 4 as standard. All electrical wiring complies with NEC. Where fire walls are required, DENIOS uses UL listed assemblies. The construction process is continually scrutinized by our own quality assurance system as well as frequent third party inspections by Factory Mutual to insure adherence to their rigid construction specifications.

### Applicable Regulations:

Hazardous materials storage is regulated by EPA at the federal level by the Code of Federal Regulations (40 CFR).

At the state and local level, Fire Codes such as IFC, UFC, NFPA 30 (Storage and Handling of Flammable Liquids), Building Codes (UBC & IBC) and other requirements specific to State and Local jurisdictions may also apply. Typical local code issues include: wind load, snow load, seismic zone, fire rating and separation of flammable storage from the nearest building.

DENIOS designs its HazMat storage buildings to be compliant with all recognized National Codes and generally accepted national standards. In addition to federal and local regulations, risk management organizations, such as Factory Mutual (FM Global), have developed their own standards. Most DENIOS HazMat storage buildings for outdoor placement can be shipped bearing the FM approval label.

Due to local code variance and different enforcement philosophies, DENIOS always recommends checking with the local Authority Having Jurisdiction to verify that a specific configuration will comply with local codes.

### Common Applications:

- Process Enclosures: Pumping, Mixing, Dispensing, Paint Kitchen
- Remote Storage: Waste Collection, Fuel Dispensing
- Agricultural Chemical Storage: Parks and Recreation, Golf Courses
- Secured Storage and Separation: Toxic, Dangerous, Valuable Materials
- HazMat Storage of Drums Handled by Hand

### Options and Customization:

DENIOS HazMat Buildings are available with a variety of standard options. Our expert technical sales staff working directly with the customer and our Engineering Department is able to provide a complete evaluation of your specific needs, account for the applicable regulations, and propose a custom system specifically tailored to your application.

**Contact us without obligation to discuss your needs.**