

## Suggested Pressure Filling Room Requirements:

Room must be explosion proof and should also be certified. Also should also comply with all state, county and city codes. A properly installed ground bar by a licensed electrician, suitable for grounding the following items must be installed in the room.

1. #3SB-MB Pressure Filling Unit
2. The number of propellant tanks used.
3. The cage used to store the propellant tanks.
4. The nitrogen and any other tanks used for head pressure.
5. The anti-static 3 ply. door mat. ( Optional )

Explosion-proof hood, must be properly sized and installed for the square footage of the room. An adequate intake vent of outside air with explosion proof louvers should be installed. Volatile gas leak detectors that are calibrated with audible and visual alarms should be installed in the room. Any doors that have access to the room should be explosion proof. A minimum of 2, 10 lb. Multi-purpose, ( A,B,C,) fire extinguishers located in proper areas of the room are required. Any tools in the room should be OSHA and Factory Mutual certified. Ampco metal or Beryllium Copper are recommended. These nonsparking, copper-based alloy tools conduct electricity, and therefore are not antistatic. SOP sheets on the operations of all the equipment should be accessible in the room. All other equipment crimpers, decrimpers, deseamers, pressure testers, and gauges should be in a separate room.

This equipment is to be used by trained and qualified personnel who use all measures of safety. Safety glass are required. Due to the nature of experiments in research and development, the user is responsible for determining the suitability of the product or equipment for it's intended use, and shall be liable for any injury, loss or damage, direct or consequential.