

Regulation DD-25.0: Paint/Blast Booths/Rooms

- 25.1 Spray painting operations/activities in the open area is not permitted. All spray painting operations shall be carried out in the fully covered and proper designed/constructed/approved painting booth/building. The construction material shall be of fire proof material and acceptable & approved by Authority. The walls & flooring shall be of smooth finish to prevent pocketing of paint residue and easily cleanable.
- 25.2 Paint / blast booth/building fitted with proper extraction/filtrations system Design calculation of the same shall be based on ASHRE Standards.
- 25.3 All electrical machine/equipment/lighting/fixtures etc. in the painting booth/building shall be of flame proof/ignition proof type.
- 25.4 Outlet from extraction/filtration system shall be taken out from the building, raised to minimum 3 meter from the roof ridge level and provided with sampling point with safe ladder/access.
- 25.5 Proper paint storage room for storing paints, thinner and solvent etc. shall be provided. Storage of Paint material more than quantity in-use for painting operations shall not be stored in the painting booth.
- 25.6 All electrical equipment/lighting/fixtures etc. in the paint store room shall be of intrinsically safe/ignition proof type.
- 25.7 Exhaust ventilation system @ 10-12 air changes/hour shall be provided for the Paint Store Room.
- 25.8 Proper Spillage/drainage collection provision shall be provided.
- 25.9 The construction material & storage racking/shelving in such areas etc. shall be of fire proof material acceptable & approved by Authority.
- 25.10 Paint/blast booth/building shall be fitted with an emergency stop switch in inside area and when operated in case of emergency shall trigger an audio-visual alarm.