

September 1, 2009

## Requirements for a Spray Booth Installation

1. Provide 2 copies of spray booth drawings, sealed, signed and dated by a Professional Engineer. Design of the spray booth shall be in accordance with Section 5.12, Division B of the Fire Code, Ontario Regulation 213/07 made under the Fire Protection and Prevention Act, 1997, as amended. This applies to a new or used spray booth respecting location, construction, ventilation, exhaust ducts, electrical equipment, flammable and combustible materials, control of fire hazards and fire protection equipment. For construction design areas not covered by the Fire Code, reference shall be made to Chapter 5 of NFPA 33, 2007 edition Standard for Spray Application Using Flammable or Combustible Materials.
2. For a pre-engineered spray booth, provide the original design drawings prepared by the design engineer.
3. Provide certification of the listing of the spray booth.
4. Provide 2 copies of architectural drawing showing the location of the spray booth in the building and a cross section of the spray booth and exhaust duct showing clearances to walls and penetration through floors or roof structures.
5. Show the method of make up air required for the spray booth exhaust by providing a calculation of the spray booth exhaust air flow in accordance with the requirements of the Fire Code, and the air make up air flow including heat loss and heat make up in conformance with the Ontario Building Code.
6. The spraying equipment for the spray booth shall be interlocked to shut down in the event of the failure of the ventilation system.
7. Provide 3 copies of drawings for the remodelling of the automatic sprinkler system in accordance with NFPA 13 – 2002 edition, or the installation of any other fire protection system if the building is not provided with an automatic sprinkler system.
8. Provide a copy of the application for the Certificate of Approval from the Ministry of Environment. MOE phone number is (416) 326-6700.
9. Show the method of compliance with Division B, Section 5.12 of the 2007 Fire Code for the spray booth where flammable and/or combustible materials are used.
10. Show the method of compliance with Division B, Part 4 of the 2007 Fire Code for the spray booth where flammable and/or combustible liquids are used.
11. Show the provision of portable fire extinguishers near spraying areas in conformance with Division B, Section 6.2 of the 2007 Fire Code.
12. Open flame heaters shall not be located within 6m (20 ft) of the spray booth opening.