

City of Vaughan Building Standards Department
Standard Checklist for the Application and Approval of
Spray Booth using Flammable or Combustible Liquids

Application to include the following information:

- 1. MSDS for flammable and combustible liquids to be used.
- 2. Average quantity of flammable and combustible liquids to be stored on site.
- 3. Construction of spray booth and exhaust ducts to conform to Section 5.12 of the Fire Code.
- 4. Ventilation, including air velocity, exhaust air and monitoring of air velocity, to conform to Section 5.12 of the Fire Code.
- 5. Construction of exhaust ducts, including duct support, clearances, collars, access doors and exhaust outlet locations, to conform to Section 5.12 of the Fire Code.
- 6. Electrical equipment for hazardous locations, including motors for exhaust fans and grounding, to conform to Sections 18 and 20 of the Electrical Safety Code made under the Electricity Act, 1998.
- 7. Storage, handling and use of flammable and combustible liquids to conform to Part 4 (Flammable and Combustible Liquids) of the Fire Code.
- 8. The spraying equipment for the spray booth shall be interlocked to shut down in the event of the failure of the ventilation system.
- 9. Portable fire extinguishers shall be installed near spraying areas in conformance with Section 6.2 of the Fire Code.
- 10. Sprinkler installations to conform to NFPA 13, "Standard for the Installation of Sprinkler Systems" or NFPA 33, "Spray Application Using Flammable and Combustible Materials" whichever is applicable.

- 11. Where the building is not provided with a sprinkler system, other suitable special fixed fire protection system to be installed.
- 12. Spray booths used for drying shall conform to Section 5.12 of the Fire Code.
- 13. A Certificate of Approval issued by the Ministry of Environment to address air pollution concerns caused by the discharge of volatile organic compounds into the atmosphere shall be available on site prior to occupancy.
- 14. A Certificate of Inspection issued by the Electrical Safety Authority to address the installation of electrical equipment inside classified hazardous locations shall be available on site prior to occupancy.
- 15. A Pre-Start Health and Safety Review Report issued by a Professional Engineer under Subsection 7.(1) of Reg. 851 - Industrial Establishments of the Occupational Health and Safety Act shall be available on site prior to occupancy.
- Additional comments: