



## Hazardous Gases, Dusts and Liquids

**No.: PERMITS-34**

**Date: 2003-02-24**

**Revised: 2010-06-14**

### **Purpose:**

- To inform owners, contractors, designers and registered professionals of the permit application requirements, where hazardous gases, dusts or liquids are created, stored, handled or dispensed.
- See Article 3.3.1.19. and Article 6.2.2.5 of the 2006 BC Building Code, the 2006 BC Fire Code, and referenced Standards.

### **Background:**

- Building Approvals and Fire-Rescue staff have frequently experienced poor design and installation practices in rooms or spaces used for the creation, storage, handling or dispensing of hazardous materials.
- As a result, a new process is needed to ensure the potential fire or explosion hazards are safely addressed.

### **Implementation:**

- Effective March 17, 2003, installation and alterations to any rooms or spaces used for the creation, storage, handling or dispensing of hazardous materials must be designed by a registered professional as defined in the BC Building Code.
- Specific design requirements for rooms or spaces used for the creation, storage, handling or dispensing of hazardous materials shall comply with the 2006 BC Building Code and Fire Code.
- Mechanical drawings submitted to install or alter either natural or mechanical ventilation equipment and explosion relief systems must be signed and sealed by a Registered Professional.
- The appropriate Letters of Assurance as required by the BC Building Code along with confirmation of insurance coverage as required in the Richmond Building Regulation Bylaw 7230 must also be submitted.
- Should you have any questions, comments or suggestions concerning this bulletin, please contact Building Approvals Division at 604-276-4285.