

Use of LP-Gas

in Jewelry Manufacturing and Dental Labs

March 2005

Handout **F-6**

The following is provided for your information and is based upon the City of Bellevue's adoption of the International Fire Code (IFC) and current City Ordinance

A Fire Department issued OPERATIONAL permit is required for the storage and use of LP-gas.

Portable LP-gas containers shall not be used in buildings.

EXCEPTION:

Containers not exceeding 2.5 pound water capacity used with self contained torch assemblies.

"CASTING" OPERATIONS:

A Fire Department issued OPERATIONAL "hot work" permit is required for casting operations.

A hot work permit for casting operations shall not be issued unless the individuals in charge of performing such operation are capable of performing such operations safely.

FIRE SAFETY REQUIREMENTS:

 a.) Hot work areas shall not contain combustibles and shall have appropriate shielding to prevent igniting exposed combustibles.

- b.) Floors shall be kept clean within the area of operation.
- c.) Partitions segregating hot work areas shall be noncombustible.

The use of LP-gas fuel for casting operations is allowed per the IFC, based on the following conditions:

All installations of LP-gas fueled equipment shall comply with the IFC, International Fuel Gas Code, NFPA 58, and NFPA 51 accordingly.

All LP-gas fueled systems shall be installed by licensed professional contractors and approved by City of Bellevue Planning and Community Development through acquisition of proper permits, plan review, and installation inspections prior to system being placed in service.