1.0 GENERAL

1.1 Related UBC Guidelines

.1 Section 20 00 05 Mechanical - General Requirements
.2 Section 21 05 00 Fire Protection - General Requirements

1.2 Description

.1 Gas flooding fire protection systems.

2.0 MATERIALS AND DESIGN REQUIREMENTS

2.1 General

.1 Oxygen displacement gas systems may be considered where:

.1 Water damage would be serious vis-à-vis replacement costs or replacement time.
.2 Breakdown in equipment, procedures or processes would be exceedingly serious.
.3 Provision of sprinkler system is impractical.
.4 Where water is not permitted.
.5 Where clean fire extinguishing agent is required.

.2 Gas flooding systems using Halon shall not be used. Systems based on environmentally friendly oxygen displacement gas shall be employed instead such as:

.1 FM 2000, dry pre-action systems.
.2 Inergen.

.3 Review need for total flooding systems with UBC Building Operations.

***END OF SECTION***