



INFORMATION BULLETIN

Office of the
Fire Commissioner

Issue Date: March 1, 2006

No. IN 020

Flexible Underground Piping for Flammable and Combustible Liquids

Environmental concerns continue to be the number one issue for the petroleum industry today, with underground tanks and associated piping being the prime source for leaks of petroleum products. Advances in technology and experiences gained by industry continue to promote the introduction of new products to address these concerns. One such product is flexible underground piping, which has some advantages for industry over current piping practises. These include:

- elimination of joints and connections between the tanks and dispensers;
- significantly reduced time of installation.

Underwriters' Laboratories of Canada have been testing flexible piping for some time now. ULC/ORD-C971-2005 "Nonmetallic Underground Piping for Flammable and Combustible Liquids" is now used as the criteria for testing and listing of the piping and has replaced ULC/ORD-C107.4-1992 "Ducted Flexible Underground Piping for Flammable and Combustible Liquids".

ULC ORD's (Other Recognized Documents) are preliminary standards which are prepared in response to requests from, and in conjunction with, industry, code writing bodies, regulatory agencies and others prior to ULC inaugurating a certification programme. Prior to publication, ULC/ORD-C971-2005 was circulated to the ULC Fire Council for comment and was accepted. ORD's can become published ULC Standards and sometimes National Standards of Canada.

Underground piping which has been tested and listed in conformance with ULC/ORD-C971-2005 is considered acceptable for installation in British Columbia.

This Information Bulletin is replacing Interpretation Bulletin No. IB007.

The contents of this Information Bulletin are not intended to be provided as legal advice and should not be relied upon as legal advice.

Information Bulletins are distributed to British Columbia Fire Departments, Local Assistants to the Fire Commissioner and where applicable, other related agencies and authorities, in order to provide general information on fire-related issues.

For further information contact: Office of the Fire Commissioner, Ministry of Public Safety and Solicitor General,
Mailing Address: PO Box 9491, Stn. Prov. Govt., Victoria B.C. V8W 9N7 / Location: Suite 200, 645 Tye Road
Telephone (250) 356-9000, Facsimile (250) 356-9019, E-mail: ofc@gov.bc.ca, Internet: <http://www.pssg.gov.bc.ca/firecom/>