



Fuels Safety Program	Ref. No.: FS-188-11	Rev. No.:
OIL AND GAS PIPELINE SYSTEMS CODE ADOPTION DOCUMENT - AMENDMENT	Date: August 31, 2011	Date:

***IN THE MATTER OF:
THE TECHNICAL STANDARDS AND SAFETY ACT, 2000,
S.O. 2000, c. 16 (the "Act")***

- and -

**ONTARIO REGULATION 223/01 (Codes and Standards Adopted by Reference)
made under the Act**

- and -

**ONTARIO REGULATION 210/01 (Oil and Gas Pipeline Systems)
made under the Act**

Subject: Cross Bore Issue - Clearing Blocked Sewer Service Lines. Amendment to the Oil and Gas Pipeline Systems Code Adoption Document
Sent to: Gas Advisory Council, Risk Reduction Group-Pipelines, Posted on TSSA’s Web-Site, other Stakeholders.

The Director of Ontario Regulation 210/01 (Oil and Gas Pipeline Systems), pursuant to section 8 of Ontario Regulation 223/01 (Codes and Standards Adopted by Reference), hereby provides notice that the Oil and Gas Pipeline Systems Code Adoption Document published by the Technical Standards and Safety Authority and dated June 1, 2001, as amended, is further amended as follows:

1. Clause 12.10.13.1 of CSA Z662-07 is amended by adding the following:

12.10.13.1.3 Natural gas distributors shall incorporate into the procedures for managing the integrity of pipeline systems required in clause 12.10.13.1.2 an action plan that includes:

- a) a description of the steps to mitigate the potential of penetration of sewer lines by a natural gas pipeline during trenchless installation,
- b) a program that raises stakeholder awareness of the potential safety issues that could arise when attempting to clear a blocked sewer service line beyond the outside walls of a building, and
- c) an assessment of potential risks and a plan to mitigate these risks.

This action plan shall be completed and available to TSSA for inspection by October 30, 2011

2. The above amendment is effective immediately.

Background

A potential safety situation could arise when home owners or administrators of commercial, institutional or industrial buildings attempt (by themselves or by calling a contractor) to clear a blocked sewer service line beyond the outside wall of the building. The issue is that natural gas pipelines installed using trenchless practices may have inadvertently penetrated the sewer line.

A natural gas pipeline that has penetrated a sewer line may be undetected for a long period of time. Clearing the sewer service line with rotating equipment or water jet equipment could damage the gas pipeline and result in a leak of natural gas into the sewer line, posing an immediate safety risk.

Dated at Toronto this August 31, 2011.



APPROVED BY:

John Marshall,
Director, Ontario Regulation 210/01 (Oil and Gas Pipeline Systems), made under the
Technical Standards and Safety Act, 2000