

HYDROSTATIC AND PNEUMATIC TEST PROCEDURES

1. All hydrostatic and pneumatic testing will be completed in accordance with the testing procedures in Enbridge Gas Distribution Inc.'s ("Enbridge") Construction and Maintenance Manual which meet the requirements of the applicable codes currently adopted by the Technical Standards and Safety Authority ("TSSA"), namely the CSA Z662-15 Oil and Gas Pipeline Systems and Ontario Regulation 210/01 ("Oil and Gas Pipeline Systems").
2. The Hydrostatic and Pneumatic Test Procedures described herein are applicable to the new NPS 30 pipeline.

Testing Procedures Summary

3. The proposed Pipeline will be pressure tested in two parts: a pre installation above ground hydrostatic strength test (using water) and a post installation below ground pneumatic leak test (using nitrogen).

Strength Test

4. The strength test is a four hour test, conducted above ground and prior to installation, at a pressure corresponding to 95% of the Specified Minimum Yield Strength ("SMYS") of the pipe. The strength test will use water as the test medium at a pressure of 14,186 kPa (2,057psi).
5. As municipal water is available nearby, test water is proposed to be obtained from the City of Toronto, and discharged per their permit approval conditions. Appropriate permits will be obtained and Enbridge Construction and Maintenance Manual procedures will be followed in the disposal of the test water.

Leak Test

6. The leak test will be conducted after the installation of the pipe, following the strength test, for a duration of 24 hours. The leak test will use nitrogen as the test medium at a pressure of 4700 kPa (682 psi). This is 1.4 times greater than the Maximum Operating Pressure (“MOP”), which corresponds to 31.5% SMYS.