



INSPECTION OFFICER ORDER NO. GC - 001 - 2016

IN THE MATTER OF THE *NATIONAL ENERGY BOARD ACT*, AN ORDER UNDER SECTION 51.1

Full name of the recipient

is employed by TransCanada PipeLines Limited (TCPL), and/or is a person conducting
Company Name
an excavation or construction on or near a facility located at all stations operated by TCPL.

On 18 and 19 July 2016, the undersigned *National Energy Board* Inspection Officer conducted
Date / time

an inspection Kingston Meter Station.
Location on R.O.W., compressor, pump or meter station

The Inspection Officer has reasonable grounds to believe: _____

-The 2 mm minimum remaining wall thickness (MRWT) value for blasting the pipe referenced in TCPL's Operating Procedure Pipeline Defect Assessment and Repair Procedures (ID # 003674615) poses a safety risk to all excavation personnel.

-TCPL's response to NEB Inspectors' Information Request (IR) question 2 to provide the rationale for relying on the value of 2 mm is unacceptable and is not in compliance with CSA Z662-15, clause 10.2.8.

-TCPL's response to NEB Inspectors' IR question 3 to include in every Technical Memorandum for Safe Dig Pressure Determination (Technical Memo) a minimum allowable wall thickness (MAWT) calculation is unacceptable and is not in compliance with CSA Z662-15, clause 10.2.8.

the inspection officer shall describe the grounds for making the order

Based on the above mentioned, the inspection officer has reasonable grounds to believe that a hazard to the safety or security of the public, or employees of a company or a detriment to property or the environment is being or will be caused by the construction, operation, maintenance or abandonment of the pipeline, or excavation activity or construction of a facility as per 49(2)(a).

Therefore, _____ is HEREBY ORDERED,
Full name of the recipient

pursuant to sections 51.1 and 51.1(2) of the *National Energy Board Act*, to

take measures specified below for guarding the safety or security of the public or employees or protecting property or the environment

Suspend work until the hazard or detrimental situation has been remedied to the satisfaction of the inspection officer; or the order is stayed or rescinded by the Board


Specified Measures: _____

-TCPL shall not excavate any station piping until:



1) TCPL provides documented evidence to the NEB Inspectors for review and approval that it has modified its Operating Procedure Pipeline Defect Assessment and Repair Procedures (ID # 003674615) to remove all references to the universal 2 mm MRWT value for blasting the pipe; and

2) TCPL provides documented evidence to the NEB Inspectors for review and approval that it has included a MAWT calculation for each type of piping expected to be encountered considering all types of pipe grade, outside diameter (OD) and operating stress level in every Technical Memo.

Inspection Officer	1950	 Signature
	IO Designation #	
	1 September 2016	
	Date	
517 10th Avenue SW Calgary AB T2R 0A8		