

SAFE WORK PRACTICE

TITLE	Pressure Testing
GENERAL	Protecting workers from injuries associated with pressure testing pipeline system
APPLICATION	When a new pipeline is installed or a repair to existing line is performed, prior to commissioning, these lines must be pressure tested.
PROTECTIVE MECHANISMS	Safe work procedure Pressure test procedure Manufacturers specification PPE MSDS WHMIS ERP (Emergency Response Plan)
SELECTION AND USE	As per safe work procedure Pressure test procedure
SUPERVISOR RESPONSIBILITY	Supervisors are responsible to facilitate and/or provide proper instruction to their workers on protection requirements and training Hazard analysis / environmental hazard analysis Determine type of test Documentation Work site inspection
WORKER RESPONSIBILITY	<ol style="list-style-type: none"> 1. Place warning signs at all access points to the test area. 2. Ensure all system valves are left fully open. 3. Immobilize all piping on test. 4. Use of mechanical plugs must be in accordance with manufacturer's specifications. 5. Ensure test head valves are in working order. 6. Ensure maximum test pressure will not exceed manufacturer's rating for any pressurizing or measurement piping or component. 7. Ensure lines and connections used for filling and not rated for the test pressures must be disconnected and properly blinded. 8. Ensure only testing personnel shall be allowed in the test area. 9. No work may be carried out in the area during testing. 10. Adequate communication must be maintained among all personnel involved in the test. 11. Upon completing of the test, liquid test mediums must be disposed of in such a manner as to minimize environmental impact. 12. Follow pressure testing safe work procedure step by step. 13. Use proper PPE when testing.
<p>* The information presented in this publication is intended for general use and may not apply to every circumstance. It is not a definitive guide to government regulations and does not relieve persons using this publication from their responsibilities under applicable legislation. The Northern Safety Association does not guarantee the accuracy of, nor assume liability for, the information presented here. Individual counselling and advice are available from the Association.</p>	