

Part 1 General

1.1 GENERAL

- .1 Tubing and accessories must comply with latest edition of national, provincial and local standards in force.

1.2 SUBMITTALS

- .1 Submit product data in accordance with Section 01 33 00 – Submittal Procedures

Part 2 Products

2.1 GENERAL

- .1 Provide products and materials that are new and free from all defects.

2.2 PRESSURE SWITCH IMPULSE LINES

- .1 For impulse lines longer than 0.5m in length, provide 9.5 mm (3/8") OD x 0.049" thick ASTM A 269 TP 316 stainless steel fully annealed, cold drawn and seamless tubing.
- .2 For impulse lines shorter than 0.5m in length, provide flexible reinforced neoprene tubing.

Part 3 Execution

3.1 INSTALLATION

- .1 Where the tapping point is subjected to mechanical shift due to heating / cooling of main equipment or vibration, care should be taken to route the impulse pipe in such a way as to absorb the shift of tapping point without straining the impulse piping. Install flexible reinforced neoprene hose where the shifting is excessive. Support the tubing at the hose connection.
- .2 Impulse piping shall be arranged as short as possible with a minimum of bends.
- .3 Support tubing in channel or raceway if exposed or in close proximity to rotating equipment or high traffic areas. Otherwise do not exceed 1 m between tubing supports.
- .4 Ensure supporting brackets are fixed in such a way that no undue stress is generated in supporting points and process end, and no leakage is produced.

3.2 TESTING AND COMMISSIONING

- .1 Test tubing for leaks and correct any deficiencies.

END OF SECTION