



Swagelok Tube Bending Essentials Training

Overview: This practical course is designed for engineers, installers and operators to ensure competency in tube selection, preparation and bending best practices.

Delivered Regions: Training is offered at each of our facilities in Calgary, Vancouver, Red Deer, Medicine Hat and Prince George. [Contact us](#) for further details.

Core Objectives:

- Advantages of bent tubing versus pipe
- Tube bending practices and standards
- Leakage (Gas Seal), Tube Grip, Vibration Resistance
- Fundamentals of pressure and working with compressed gas
- Marks used in bend layout
- The Measure-Bend Method
- Understanding of offset bends, springback and stretch
- Safety considerations and identification of bend defects

Prerequisite: None

Maximum Class Size: 12

Duration: 4 hours

Cost:

| [Call or email to inquire](#)

Assessment:

Theoretical: 80% pass

Practical: Calculate, cut, measure, tubing for test loop assembly
Understanding and competency of the Measure-Bend Method
Correct application of hand tube bender

Training Validity: Certificate/ID card issued upon successful completion of requirements

