

## 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, Red Deer, Brooks and Medicine Hat. [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

