



## Tubing System Training Program - Oil and Gas Applications (2 days)

Designed for installers, engineers, designers, QC/QA inspectors, and others responsible for designing, installing, maintaining, and/or inspecting tubing systems in upstream oil and gas applications.

### Aim

Addressing JIP33 S-716 requirement and provide in-depth instruction on industry best practices to ensure the high integrity of tubing systems.

### Course Overview

The Tubing System Training Program for Oil and Gas Application offers a blend of theoretical knowledge and practical skills necessary for proficient tube fitting installation and maintenance. Participants will also gain a deep understanding of the root causes behind project overruns and develop proficiency in troubleshooting and optimizing fluid systems to enhance performance and mitigate risks.

### Topics

- Safe installation practices when working with tubing systems
- Correct material selection and engineered combinations
- Correct storage, handling, and preparation of tubing

- Tube installation, routing, and support
- Swagelok® two ferrule tube fitting Installation
- Swagelok® FK series medium-pressure tube fittings and cone and thread Installation
- Tube bending
- Tube fitting installation inspection
- Straight and tapered thread Installation practices
- Safe operation of fluid systems and leak-free performance

### Training Materials

All attendees will receive a Swagelok® Tube Fitter's Installer's Guide, Hand Tube Bender manual, and gap inspection gauge for 1/4-inch (6mm), 3/8-inch, and 1/2-inch (12 mm) tube fitting sizes.

### Certification

Swagelok® Certificate of Completion – valid for 3 years, subject to successful completion of both practical and theoretical exam.

### Instructor

Swagelok® Certified Trainers

### Contact Us

For more information, reach out to our sales associates or email us at [enquiry@swagelok.com.my](mailto:enquiry@swagelok.com.my)

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