



Materials Selection Awareness

■ Target Audience

Those who require an appreciation of the design and installation of systems, but will not be involved in practical activities such as installation and maintenance of the systems. (Graduate project/design engineers – project/design engineers).

■ Course Length

1 Day
(min 10, max 14 delegates per course)

■ Practical Content

20%

■ Theoretical Content

80%

■ Course Aims

To provide delegates with an awareness of materials selection, associated standards, and common NDE options. An understanding of the suitability of materials for various application conditions. Awareness of good practices concerned with the layout and design of SBT systems and an understanding of common connection methods, how they work, and the principals of tube bending.

■ Course Content

- Material awareness – alloy composition
- Common material NDE options
- Standards awareness (NACE/NORSOK)
- Overview of common types of corrosion and causes
- Common SBT systems connection types
- Tubing data – standards, pressure/temperature ratings
- Theory of tube bending – including practical activity
- System design and layout

■ Course Delivery

Classroom

■ Certification

Swagelok® Certificate of Completion – valid for 3 years

■ Instructor

Swagelok® certified trainers.

■ Times of Training

08.45 – 16.30

■ Swagelok Training Academies

Swagelok Scotland, Aberdeen

1 Kingshill Park, Venture Drive, Westhill, Aberdeen, AB32 6FL

Swagelok Scotland, Motherwell

19 Glasgow & Edinburgh Road, Newhouse, Motherwell, ML1 5GJ

Swagelok Teesside

STEM Centre, Middlesbrough College, Windward Way, Middlesbrough, TS2 1QG

■ Contact

Onsite and offshore courses are available. For further details, please contact our training team at scots.training@swagelok.com or call +44 (0)1224 759916.

PART NUMBER:
TSG-MATL SELECTION