RelyOn Nutec
360° Safety

OBSRDL039

Introduction to Small Bore Tubing

Duration	90 Minutes
Target group	Oil & Gas Industry (Onshore & Offshore)
Prerequisites	No prerequisites are required to sit this course.
Objective	LO1: Explain what Small Bore Tubing Assemblies are and what they are used for LO2: Describe the potential issues and consequences associated with SBT assemblies LO3: Outline measures every person can take to reduce SBT incidents LO4: Describe the types of engineering drawings used in the assembly and installation of SBT LO5: Identify common symbols used on engineering drawings LO6: Explain the importance of following engineering drawings correctly LO7: Specify the differences between tubing and pipe LO8: Describe tubing specifications LO9: Explain how to prepare, handle and store tubing correctly LO10: Specify the tools used for working with tubing LO11: Outline best practice for marking, cutting and bending tubing LO12: Identify common issues associated with cutting and bending tubing LO13: Explain why expansion loops are required in tubing runs LO14: Describe twin ferrule mechanical grip fittings and how they work LO15: Explain how to assemble fittings correctly LO16: Identify common faults associated with assembling fittings LO17: Explain how to disassemble fittings correctly LO18: Explain how to reassemble fittings correctly LO19: Describe some of the equipment required to ensure a good seal LO20: Recognise the support systems for SBT assemblies LO21: Describe the correct use of clamps LO22: Explain why vibration is a concern in SBT assemblies and how it can be minimised
Contents	This aim of this course is to provide you with an overview of small bore tubing, the risks associated with it, and how to mitigate those risks. You will gain an understanding of what twin ferrule mechanical grip fittings are and how to use them, as well as how to assemble, disassemble and reassemble fittings and associated support systems.
Exam	The assessment is taken during the course and is within the expected duration.