RelyOn Nutec
360° Safety

OBSRDL040

Fundamentals of Lithium-Ion Cells and Batteries

Duration	45 Minutes
Target group	Oil & Gas Industry (Onshore & Offshore)
Prerequisites	No prerequisites are required to sit this course.
Objective	LO1: Give an overview of the history of batteries LO2: Explain how a battery works LO3: Explain the structure and function of lithium-ion batteries LO4: Describe the different types of lithium battery LO5: List some examples of incidents involving batteries LO6: Explain the hazards associated with the use of batteries LO7: Explain the hazard symbols and packaging labels used with batteries LO8: Explain how to work with batteries safely LO9: Explain what to do in an incident involving batteries LO10: Explain how to safely dispose of batteries LO11: List the legislation and regulations relevant to batteries
Contents	The aim of this course is to introduce delegates to the fundamentals of lithium and ion-cell batteries, including how batteries operate, the associated hazards, symbols and labelling, and how to work with batteries safely.
Exam	The assessment is taken during the course and is within the expected duration.