Training lithium-ion batteries in environmental simulation

Training location: Online only

Target group: Introduction course, beginners
Information: Online only; duration 2-3 hours

Time		Trainer
08:30	**Welcome** • General information	
	Introduction • Why are Li-ion batteries tested? • Overview general working principle of batteries	
	The risk of testing Li-ion batteries • Risk during testing • What influences the risk? • What is the "thermal runaway" and "thermal propagation"? • Risk assessment/risk analysis	
	Break	
	ATEX • Why is ATEX relevant when testing batteries • The ignition triangle • ATEX in environmental simulation • The explosion protection document	
	Hazard Levels and risk assessment • What are the EUCAR Hazard Levels? • Safety equipment for testing • What is needed for testing? • Fire detection and extinguishing systems	
	End	