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SubNet Services Ltd. Are IMCA Training members*

*SubNet Services Ltd have been accredited UKAS 9001
for our e-learning, training & recruitment.*

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SN/R04/001CFOT High Voltage and Fiber Optics for ROV Pilot Technicians

High Voltage and Fiber Optics for ROV Pilot Technicians

This course is aimed at those in the ROV industry who are not yet COMPETENT in High Voltage and Fiber Optics and their relationship with ROV Operations (perhaps they have been mechanical technicians only).

The FOA Accredited and Certificated Fiber Optics Technician module in this course is designed for anyone interested in becoming a Fiber Optics Technician or who needs to understand or use Fiber Technology within their job like ROV Pilot Tech. The certification is recognized world wide to work as a fiber technician.

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Welcome To The Subnet Services Ltd

SN/R04/001CFOT - High Voltage and Fiber Optics for ROV Pilot Technicians

High Voltage, High Voltage Safety and Fiber Optics for ROV Pilot Technicians

Target

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High Voltage, High Voltage Safety and Fiber Optics for ROV Pilot Technicians.

This course covers theory and practical hands on bench work and delivers competencies for ROV High Voltage, ROV High Voltage Safety with the addition of our ROV Fiber Optics module.



SNR04001 - SubNet High Voltage & HV Safety Module Content

Competence	Knowledge	Ability
High Voltage and High Voltage Safety for ROV Pilot Technicians SN/R04/001	<ul style="list-style-type: none"> • Knowledge of electrical principles • Knowledge of electrical safety • Knowledge of various electrical test equipment like multimeter, meggaohmeters • Knowledge of ROV electrical systems like power supply, lighting, thrusters • Knowledge of ROV cables • Knowledge of electric motor thrusters 	<ul style="list-style-type: none"> • Ability to identify all electrical components in a typical ROV system and describe their functions. • Ability to safely test cables for faults and test after change out • Ability to read electrical schematics • Ability to perform electrical isolation using safety procedures • Ability to test electrical components and replace them • Ability to wire electric circuits

TEL2001 - CFOT - Certified Fiber Optics Technician Module Content

Competence	Knowledge	Ability
CFOT Certified Fiber Optics Technician TEL2001 Examination and CFOT Certification	<ul style="list-style-type: none"> • Knowledge of fibre optic principles • Knowledge of use of OTDR for cable fault diagnosis • Knowledge and use of equipment for Mechanical Splicing • Knowledge and use of equipment for Fusion Splicing 	<ul style="list-style-type: none"> • Understand the history and operation of Fiber Optics • Ability to test fibre optic cables for faults • Ability to isolate the fibre optic cable from the umbilical • Ability to prepare, splice and terminate fibre optic cables • Terminate a variety of connectors • Perform Fusion Splicing and Mechanical Splicing • Perform cable preparation for Fusion and Mechanical Splicing • Assemble a Splice enclosure • Fully test and troubleshoot Fiber Optic cables and Fiber Optic Systems using an Optical Time Domain Reflectometer (OTDR).

