



Training  
Passionate about improving subsea safety worldwide

[jfdglobal.com](http://jfdglobal.com)



## Introduction to JFD Training

Our various training facilities around the world offer an extensive range of courses which aim to ensure you receive high quality training. We are well-respected for the training we provide, but that's not all. We believe the real impact of training and personal development requires complete learning programmes. From set courses to tailored training, with access to unique facilities in which practical training scenarios can be carried out.

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## Trainee Air Diving Supervisor (IMCA)

Course Duration: 5 days

Location: Online or in-person

### Course Overview

The Dive Supervisors Scheme was introduced in 1987 to provide a training and certification standard for air diving supervisors with a career structure detailed in document IMCA DO13 "IMCA Offshore Diving Supervisor and Life Support Technician Schemes".

This course is the first step for any IMCA diver wishing to further their career and become a supervisor.

### Course Content

The course is approved by IMCA and follows their guidelines. Experienced personnel will give instruction on the following topics:

- Diving Physics
- Anatomy & Physiology
- Plant & Equipment
- Legislation & Guidance
- Emergency Procedures
- Air Diving Emergencies
- Techniques/Procedures
- Safety on the Surface
- Air Diving from DP Vessels
- Leadership
- Nitrox



### Entry Requirement

- Have demonstrated competence as an offshore air diver and have completed 100 offshore commercial air dives prior to attending the course.
- **AND** hold an IMCA recognised surface supplied diving qualification as set out in the IMCA International Code of Practice for Offshore Diving.

### Certification

- Logged at least 200 panel hours offshore on a minimum of 100 surface dives over a minimum period of 60 days working as a Trainee Air Diving Supervisor.
- Demonstrated competence as an offshore air diver in accordance with IMCA C 003 Rev.1 Competence Assurance and Assessment and have completed a total of 200 offshore commercial air dives.
- Recommended by a company following satisfactory offshore reports confirming competence in accordance with the IMCA Competence Assurance Assessment Scheme.
- Passed the IMCA Air Diving Supervisor examination.

NOTE: Application to sit for the IMCA examination must be made within 3 years of successful completion of the training course and at least half the required panel hours logged within the 2 years prior to the application



## Trainee Bell Diving Supervisor (IMCA)

Course Duration: 4 days

Location: Online or in-person

### Course Overview

The Bell Diving Scheme was introduced in 1987 to provide a training and certification standard for bell diving supervisors with a career structure detailed in document IMCA DO13 "IMCA Offshore Diving Supervisor and Life Support Technician Schemes". This course is the first step for any IMCA diver wishing to further their career and become a supervisor.

### Course Content

The course is approved by IMCA and follows their guidelines. Experienced personnel will give instruction on the following topics:

- Diving Physiology
- Dive Systems
- System Monitoring
- Hygiene
- Chamber Procedures
- Gas Handling
- Bell Handling Systems
- Diver & Emergency Evacuation
- Supervision & Leadership
- Legislation
- Life Support Duties

### Entry Requirement

- Have demonstrated competence as an offshore bell diver (mixed gas) and have completed 400 lockout hours prior to attending the course.
- **AND** have completed and passed an IMCA Air Diving Supervisor Course.
- **AND** hold an IMCA recognised surface supplied diving qualification as set out in the IMCA International Code of Practice for Offshore Diving.

Those with comparable training and experienced may be referred to the IMCA Scheme Administrator for a decision by the Assessment Panel.

### Certification

On completion of the course, after having successfully passed our in-house exams, each student is issued with a completion certificate for Assistant Bell Diving Supervisor. Candidates are then required to go offshore and accumulate the necessary panel hours to sit the IMCA module 2 exam.



## Chamber Operator

**Course Duration:** 3 days

**Location:** In-person

### Course Overview

Chamber Supervisors/Operators carry out the vital tasks associated with the operation and safe use of re-compression chambers. They must be able to operate the chamber for treatments or for surface decompression.

### Course Objectives

The objectives of the course are to provide a theoretical and operational understanding of the physics and physiology of diving, to familiarise entrants with the current legislation and to provide a working knowledge of plant and equipment, gas systems, documentation and record keeping. The course includes extensive practical hands-on experience with the operation of recompression chambers in line with industry safety standards.

### Course Content

Experienced personnel will give instruction on the following topics:

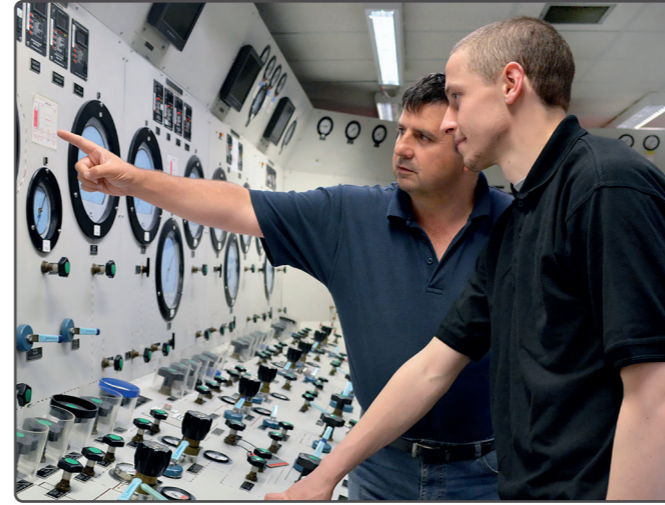
- Role of Supervisor / Attendant
- Basic Diving Physics & Physiology
- Decompression Theory
- Decompression Illnesses
- Re-compression Methods
- Chamber Construction
- Chamber Hygiene & Hazards
- Legislation - UK
- Fire Safety & Accidents
- Chamber Medic
- Chamber Layout & Checks
- Practical Chamber Operation
- Emergency Procedures

### Entry Requirement

No prior experience is required for this course.

### Certification

On completion of the course, each student is issued with a JFD certificate of training.



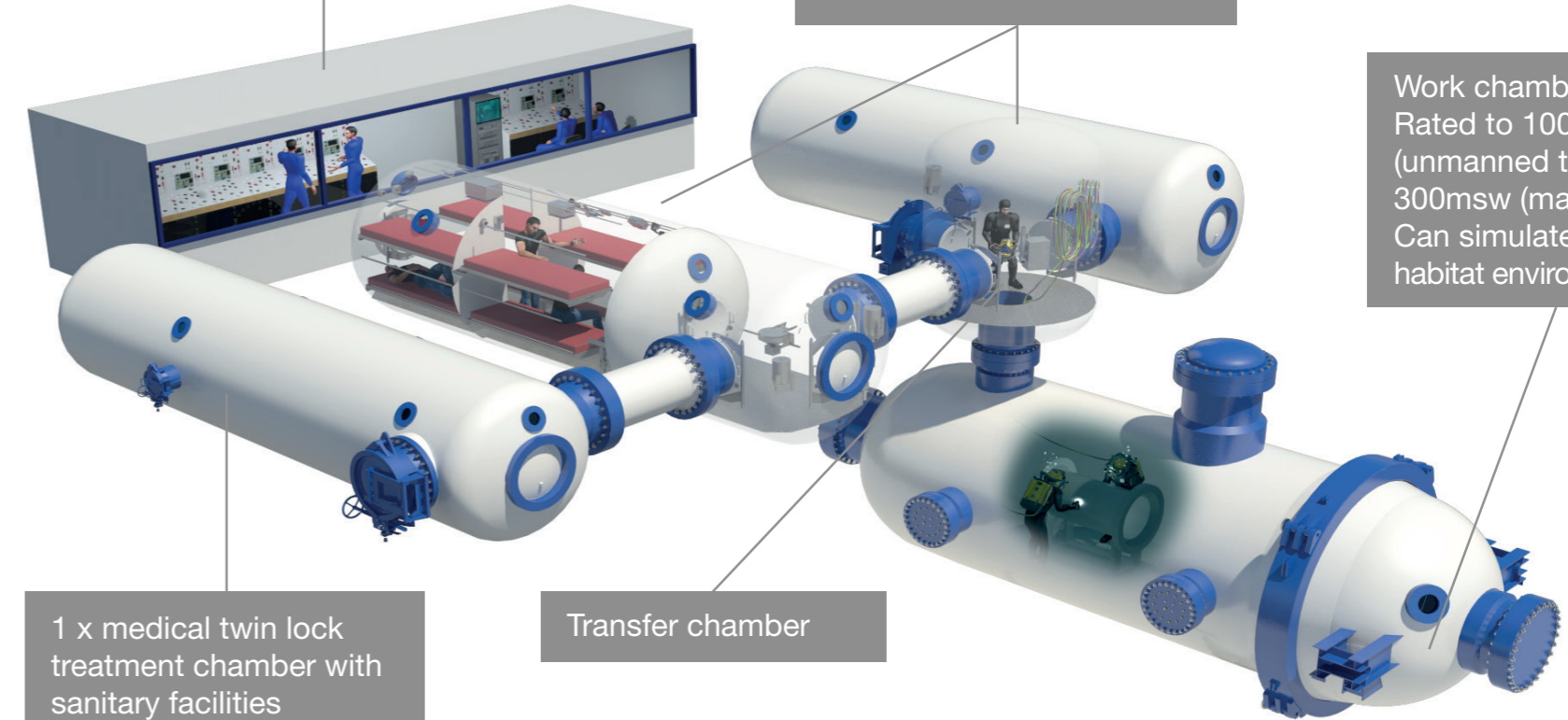
Dive control/Saturation control room

2 x 8-man twin lock deck decompression chambers (DDC) with sanitary facilities  
Rated to 300msw

Work chamber  
Rated to 1000msw (unmanned trials) & 300msw (manned trials)  
Can simulate wet or dry habitat environment

1 x medical twin lock treatment chamber with sanitary facilities  
Rated to 300msw (manned trials)

Transfer chamber



## Assistant Life Support Technician (IMCA)

**Course Duration:** 10 days

**Location:** In-person

### Course Overview

Assistant Life Support Technicians assist Life Support personnel to carry out the vital and responsible job of maintaining safe conditions for divers living and working under pressure during saturation diving operations worldwide. They must be able to operate high pressure equipment, mix heliox diving mixtures, monitor the saturation chamber environment and as part of a team carry out pressurisation and decompression, identify and treat decompression illness and other pressure related injuries and be able to deal with a variety of emergency situations, from fire in the chamber to hyperbaric evacuation.

### Course Objectives

This training course is designed as a basic course for new entrants to the IMCA Life Support Technician scheme. The scheme commenced in 1984 to provide all personnel engaged in life support; from new entrants through to the most senior grade, with a structured career progression.

### Course Content

The course provides a comprehensive theory and practical element which prepares the new entrant for work as an Assistant Life Support Technician. Hands on experience with fully operational saturation diving system.

Experienced Diving and Life Support Supervisors provide professional tuition on the following topics:

- Diving Physics Legislation
- Gas Handling
- Gas Toxicity
- Thermal Balance
- Plant & Equipment
- Anatomy & Physiology
- Life Support Systems
- System Monitoring
- Emergencies
- Diving Systems
- Hygiene
- Practical

### Entry Requirement

No prior experience is needed, although a basic knowledge of physics would be an advantage.

### Certification

On completion of the course, and after having successfully passed the JFD in-house examinations, you are issued with an IMCA approved JFD Certificate. You must then go offshore and log a minimum 2,400 panel hours as an Assistant Life Support Technician, after which you can take the IMCA Life Support Technician exam.



## Client Representative

**Course Duration:** 5 days

**Location:** Online or in-person

### Course Overview

This course is to provide delegates with a clear understanding of the roles and responsibilities of a recognised Client Representative. A Client Representative acts as the client's eyes and ears during the offshore phase of a project and is the client's prime method of monitoring the site from the point of view of safety and efficiency.

### Aims & Objectives

The course provides a comprehensive overview of offshore legislation and the common issues affecting offshore construction, diving and maritime operations. This course also provides an understanding of global and regional variances.

Best Industry Practices and Guidelines are covered within sessions on IMCA (International Marine Contractors Association) and IOGP (International Association of Oil & Gas Producers) Diving Recommended Practice. This course is based on the contents of IOGP 431 and IOGP 411 and its syllabus is endorsed by member of the IOGP Diving Operations Sub-committee.

### Course Content

Subsea awareness from seabed to topside is covered to give delegates a greater understanding of the risks involved when working with subsea systems and covers identification of work-sites and component items including isolations. The course comprehensively covers communication, along with project reporting methods and techniques. Delegates will also get a good insight into people management skills during the leadership session conducted by a consultant Psychologist.

The course complies with guidance from IOGP including RP 431 Diving Worksite Representative Roles & Responsibilities, and RP 411 Recommended Practices for Diving Operations and includes the following topics:

- Legislation & Guidance
- IOGP Culture & Ethics
- Permit to Work (PTW)
- Local Rules, Regulations & Best Practices
- Prime Interfaces
- Subsea Awareness
- IMCA, DMAC, & IMO
- Risk Assessment & MOC
- Project Reporting
- Leadership
- Mobilisation
- Accident & Emergency Procedures & Reporting

### Certification

On successful completion of the course and passing the end of course exam, the delegates are issued with an JFD certificate of training complete with photographic ID and individual certificate number.

### Refresher Training Available

IOGP recommends Diving Worksite Representatives maintain their competence through Refresher Training.

The JFD Client Representative Refresher Course provides previous delegates with an update on the management and execution of diving operations as well as a reminder of the skills and competencies required by IOGP.

This 16-hour CPD course consists of 5 self-paced, user-friendly modules delivered via the online JFD eLearning platform. Content includes IOGP 411, 431, 444, 376 and offshore wind infrastructure.



## Combined Dive / ROV System Auditing & Assurance

**Course Duration:** 5 days

**Location:** In-person

### Course Overview

JFD has combined two of its most popular courses following feedback from delegates. JFD has been running separate Dive and ROV system courses successfully around the world for over three years. We receive a high percentage of candidates who, having done one of the courses, return to complete the other. By combining the synergies, JFD has been able to condense the course into five days allowing delegates to save time and money.

The course offers delegates the opportunity to become conversant with IMCA guidelines and industry requirements surrounding auditing techniques, procedures and reporting of equipment.

### Requirement

When a contract is given, assurance regarding the quality and reliability of the contractor's equipment is paramount in order to improve safety and reduce operational downtime issues. With this comes the requirement for trained and qualified personnel who are fully conversant with the most up to date industry guidelines and regulations.

### Course Content

This course comprises of both classroom and practical elements. Industry guidelines and legislation are explained in detail within the classroom to give students the knowledge needed to carry out audits to best practice and industry standards. A practical element then gives candidates the opportunity to apply this knowledge and conduct a full audit on a real system before returning to the classroom to complete a close out report and discussion.

### Topics include:

- The purpose of an audit
- The role of the auditor
- Non-conformance
- Development of D.E.S.I.G.N audits
- Certification and PMS
- Certification authorities
- Audit preparation, development & documentation
- IMCA D018, D023, D024, D037, D040, R004, R005, R006, R009, R011, R018
- Accidents and lessons learnt
- Reporting
- Close out meetings

### Entry requirement

No prior experience is required, however, it is preferred delegates have experience in air/saturation diving RU ROV operations, ideally as a dive/ROV supervisor, life support supervisor, dive/ROV technician or similar.

### Trainers

JFD trainers are highly knowledgeable professionals who have extensive experience of carrying out assurance audits throughout the world. Having been involved closely with the development of guidance, products and services throughout the subsea industry, JFD is confident that this course gives candidates a thorough, detailed and accurate experience to the highest of standards.



## Combined Dive / ROV System Auditing & Assurance Awareness

**Course Duration:** 3 days

**Location:** Online

### Course Overview

Auditing and Assurance is crucial within diving systems and diving operations to guarantee the safety and reliability of equipment and procedures. Therefore, it is essential that all diving systems are audited by a competent auditor periodically or post mobilisation.

Recent changes in industry standards and attitudes have raised the requirement for system audits and the competency of dive system auditors. Guidance has been reviewed and developed, and auditors are now advised to have appropriate operational knowledge and have undergone formal training in auditing techniques. This course is instructor-led via Teams and the JFD eLearning platform.

### Aims & Objectives

To enable delegates to become competent and fully aware of dive and ROV system auditing procedures, developing knowledge of industry recommendations and best practice. The course follows global industry standards in accordance with IMCA guidance, specifically the D.E.S.I.G.N series of documents.

### Course Content

Our online course combines instructor-led presentations, exercises, and quizzes to provide an immersive learning experience.

The following topics are covered:

- Why audit dive systems?
- The role of the auditor
- IMCA Guidance and D.E.S.I.G.N. documents
- Development of D.E.S.I.G.N audits
- Certifying Authorities
- Certification and PMS
- Completing audit documentation
- FMECA Basics
- Criticality
- FMECA Report Format

### Entry requirement

A copy of a current CV is required to ensure suitability, it is preferred delegates have experience in air and saturation diving operations, ideally as a Dive Supervisor, Life Support Supervisor, Senior Dive Systems Technician or similar.

### Trainers

JFD's trainers are highly knowledgeable professionals who have extensive experience of auditing diving systems throughout the globe.





## Introduction to Diving

Course Duration: 1 day

Location: In-person

### Course Overview

This introductory course provides non-diving personnel with an understanding and appreciation of the principles of diving, various diving techniques, the equipment used in diving operations and the considerations on planning and executing diving operations.

### Course Objectives

To familiarise personnel with all aspects of operational diving and, in addition, provide an insight into diving capabilities and limitations.



### Course Content

Professional tuition is provided by experienced personnel, combining comprehensive theory and practical sessions.

### Topics can include:

- Principles of Diving
- Surface Supplied Diving
- Bell Diving
- Diving Legislation & Safety
- Underwater Operations
- Diving Accidents & Incidents
- Current Limits & Future Developments
- Complimentary Procedures
- Diving Physics & Physiology

### Who Should Attend

This introductory course is aimed at managers, engineers, technicians and other non-diving personnel who, during their work, are involved in, directing or controlling operations where the use of diving techniques are required.

### Entry Requirement

No prior experience is needed.

### Certification

On successful completion of the course delegates are awarded with the JFD Certificate of Training

## Dive Technician

**Course Duration:** 10 days

**Location:** In-person

### Course Overview

Dive Technicians carry out the vital and responsible job of maintaining diving equipment and diving systems. The importance of correct servicing and repair is recognised throughout the industry and proof of competency is now required.

Knowledge of saturation diving systems, air chambers, high pressure gas systems, diving helmets, compressors and oxygen cleaning procedures only touches upon this enormous subject.

This syllabus offers an excellent practical background of diving equipment and system maintenance as well as comprehension of relevant legislation, industry standards and systems including IMCA's DESIGN document and Planned Maintenance Systems.

### Course Objectives

Our Dive Technician course has been created to enable a person of technical background the ability to safely maintain much of the life support equipment found on dive sites in inshore and offshore diving environments. This training course has been designed to enable rapid progression onto the Dive Technician Scheme. Completion of this module prepares the new entrant for practical work as a workshop trainee.

### Course Content

Experienced Diving and Life Support Technicians provide professional training combining theory and extensive practical hand-on experience with current equipment.

Topics include:

- Industry Overview
- Diving Techniques
- Legislation, Regulations and IMCA Guidance
- Dive Equipment Systems Inspection Guidance Notes
- Planned Maintenance Systems
- Diving Physics & Physiology
- Work Of Breathing
- Oxygen Cleaning
- Gas Analysis & Handling
- Tube Bending & fitting
- Umbilical retermination
- Pressure Testing
- Air & Saturation Diving Systems, Plant & Equipment including:
  - Diving Bell & Chambers
  - Reclaim Systems
  - Compressors
  - Life Support Systems
  - Gauges
  - BIBS
  - Pressure Regulators

### Entry Requirement

Candidates should have completed a recognised trade apprenticeship in a relevant technical trade. CV to be submitted for verification.

### Certification

On completion of the course, each student is issued with a JFD certificate of competence.



## Diver Medic Technician (IMCA)

**Course Duration:** 10 days

**Location:** Hybrid

### Course Overview

Major Diving operators worldwide require at least one Diver Medic as a pre-requisite for both saturation and air diving team selection world-wide. IMCA also advise that all divers should complete a Diver Medic Technician course as part of their diver training.

### Course Objectives

To be deemed capable of administering first aid and emergency treatment, and efficient in carrying out the directions of a doctor in a diving environment.

### Topics include:

- Casualty Handling Under Pressure
- Care of Medical Equipment/Record Keeping
- Diving Related Illness: Barotraumas, DCI, Decompression Illness
- Control & Management of Dive Related Injury or Illness
- Insertion of Chest Drain
- Patient Examination
- Basic Anatomy & Physiology
- Intraosseous Infusion
- Advanced Life Support / Use of Defibrillator
- Oxygen Administration

### Entry Requirement

To qualify for an IMCA Diver Medic qualification, applicants must:

- Hold an offshore qualification in diving: LST, diving supervisor or diving qualification recognised by IMCA (Offshore grade).
- Hold a valid diving medical suitable to go under pressure in a chamber. Sports diving or OEUK medicals are not acceptable.
- If you do not hold both of these requirements candidates will be issued with an NHC Certificate. Please contact the National Hyperbaric Centre who will be happy to provide you with further information.

### Why choose NHC?

- The National Hyperbaric Centre Diver Medic Technician course includes intensive practical modules some of which take place inside our unique Saturation Diving System. This allows candidates to experience the restraints and difficulties of practising diving medicine in confined conditions. Previous students have felt they have benefited from such a realistic training environment which best prepares them for a real-life situation.
- Training is conducted by our IMCA approved Senior Medical Instructor who is passionate about providing a high quality and intensive learning experience.
- Being situated within the Aberdeen Royal Infirmary campus and housing the NHS Scotland Hyperbaric Medicine Unit, JFD is lucky to have the support of some of the best diving doctors in the country who teach modules of the course.
- The course makes use of professional medical training aids in compliance with DMAC 015 & 028 guidance, offering realistic and practical training.

### Certification

On successful completion of the course delegates are given the relevant certification of training. This certificate is valid for 2 years from date of issue.



## Diver Medic Technician Refresher (IMCA)

**Course Duration:** 5 days

**Location:** Hybrid

### Course Overview

This 5 day refresher course has been designed for those wishing to renew their IMCA Diver Medic Technician Certificate. This course is now offered as a hybrid learning experience to reduce the time required be on-site in the medical classroom. The first 3 days consist of self-paced, user-friendly modules delivered via the online JFD eLearning platform. This is followed by on-site 2-day intensive practical learning exercises, assessment, and written exam.

### Course Content

The JFD Diver Medic course combines intensive practical modules with detailed theoretical modules to offer high quality intensive training in diving procedures and diving medicine provided by experienced medics and diving doctors. The course makes use of modern training aids corresponding to the DMAC 015 medical kits to offer realistic practical training to Diver Medic delegates.

### Topics include:

- Casualty Handling Under Pressure
- Care of Medical Equipment/Record Keeping
- Diving Related Illness: Barotraumas, DCI, Decompression Illness
- Advanced Life Support
- Control & Management of Dive Related Injury or Illness
- Insertion of Chest Drain
- Patient Examination
- Basic Anatomy & Physiology
- Intraosseous Infusion
- Use of Defibrillator
- Oxygen Administration

### Should you attend?

IMCA advise that all divers should hold this certificate. There is an 12 weeks prior & 8 weeks after grace period either side of the certificate expiry date to complete the refresher course, after this time you must complete the full course to renew your qualification.

### Entry Requirement

Attendees will be required to have undertaken a Diver Medic course and hold a full and valid Diver Medic certificate. To qualify for an IMCA Diver Medic qualification, applicants must:

- Hold an offshore qualification in diving. This can be an LST, diving supervisor or diving qualification recognised by IMCA (Offshore grade).
- Hold a valid diving medical as suitable to go under pressure in a chamber. Sports diving or OEUK medicals are not acceptable. If you do not hold both of these requirements candidates will be issued with an JFD Certificate. Please contact the JFD who will be happy to provide you with further information.

### Certification

On successful completion of the course delegates are given the relevant certification of training. This certificate is valid for 2 years from date of issue.



## Dynamic Positioning Awareness Course

**Course Duration:** 1 day

**Location:** Online

### Course Overview

This is a self-study course that can be undertaken by delegates via JFD's online portal at a time that suits them. The course provides an understanding of dynamic positioning, how it works and its application. This is a useful skill set for any person working offshore on DP vessels.

### Course Content

Knowledge of DP is critical for diving supervisors, ROV personnel and diving client rep. This course give delegates a solid introduction to operating on DP and covers the following topics:

- All the components of a fully operational DP operating system.
- How a DP system works and the minimum requirements.
- Communication procedures between diving supervisor and the DP operator for subsea operations to commence.
- Communication procedures for SIMOPS

### Entry Requirement

No prior experience is required for this course.

### Certification

Upon successful completion of the course delegates will be awarded a JFD Dynamic Positioning Certificate.



## 1st & 2nd Stage Regulators Course

**Course Duration:** 1 day

**Location:** In-person

At the end of this course, a technician will be confident in correctly operating and carrying out specific maintenance schedules on Diving Regulators.

### Course Content

Course design has originated from using the Systems Approach to Training and is continuously enhanced by customer and client feedback. Experienced personnel will give instruction on the following topics:

- Introduction of the product and technical documentation
- Product performance and limitations
- Identifying design servicing requirements
- Discuss and practice operational procedures
- Discuss and practice maintenance routines
- Diagnosing equipment fault finding
- Identifying availability of spare parts
- Discuss and practice corrective maintenance

### Entry Requirement

No prior experience is required for this course, however we do ask that you provide us with some information

to ensure the course is suitable for you.

### Assessment

The instructor will:

- Continually assess the candidates throughout the course to ensure that their practical and theoretical knowledge is sufficient to use and maintain the equipment.
- Administer a practical and written test to assess the attendees retained knowledge.
- Issue a written assessment. The written test is a multiple choice test paper with clearly outlined right and wrong answers.

### Certification

Upon successful completion of the course, each student is issued with a certificate of training which is valid for 3 years. Renewal courses are available on request assuring that standards can be easily maintained.



## Kirby Morgan Helmet

**Course Duration:** 3 days

**Location:** In-person

The Kirby Morgan three day course is designed to provide candidates with a broad overview of KMDSI hats as well as teach the necessary skills for service and maintenance requirements.

### Overview

This course is product specific to the customer's KMDSI (Kirby Morgan Dive Systems Inc) hat. Please specify which KMDSI hat you wish training for at time of ordering.

### Course Content

Course design has originated from using the Systems Approach to Training and is continuously enhanced by customer and client feedback. Experienced personnel will give instruction on the following topics:

- Introduction of the product and technical documentation
- Product performance and limitations
- Identifying design servicing requirements
- Discuss and practice operational procedures
- Discuss and practice maintenance routines
- Diagnosing equipment fault finding
- Identifying availability of spare parts
- Discuss and practice corrective maintenance

### Entry Requirement

The course duration will depend on your level of experience. For those with no previous experience with KMDSI hats then the 3 day course is applicable.

Therefore if you wish to book a KMDSI training course please advise us any previous experience with Kirby Morgan helmets so that we may ensure the training duration is suitable for you.

### Assessment

The instructor will:

- Continually assess the candidates throughout the course to ensure that their practical and theoretical knowledge is sufficient to use and maintain the equipment.
- Administer a practical and written test to assess the attendees retained knowledge.
- Issue a written assessment. The written test is a multiple choice test paper with clearly outlined right and wrong answers.

### Certification

Upon successful completion of the course, each student is issued with a certificate of training which is valid for 3 years. Renewal courses are available on request assuring that standards can be easily maintained.



Images of Kirby Morgan Helmets or Masks are Registered Trademarks of Kirby Morgan Dive Systems, Inc. Used with permission

## COBRA Maintenance

**Course Duration:** 2 days

**Location:** In-person

### Course Overview

This two-day course has been specifically designed to provide technicians with detailed theory and practical sessions giving them the skills needed to competently build and maintain the system.

### Course Content

Course design has originated from using the Systems Approach to Training and is continuously enhanced by customer and client feedback. Experienced personnel will give instruction on the following:

#### Day 1:

- General and technical overview of the system
- Demonstration of how the system works
- Disassembling the backpack: Annual maintenance / complete overhaul (dismantle all subassemblies)

#### Day 2:

- Disassembling the helmet handle activation assembly
- Tool and test kit overview
- Bench testing and adjustments
- Troubleshooting
- Exam

### Assessment

The instructor will:

- Continually assess the candidates throughout the course to ensure their practical and theoretical knowledge is sufficient to use and maintain the equipment.
- Administer a practical and written test to assess the attendee's retained knowledge.
- Issue a written assessment. The written test is a multiple-choice test paper with clearly outlined right and wrong answers.

### Certification

Upon completion of the course, each student is issued with a certificate of training which is valid for 3 years. Renewal courses are available on request assuring that standards can be easily maintained.



## COBRA Familiarisation

**Course Duration:** 1 day

**Location:** In-person

### Course Overview

This one-day course combines theoretical familiarisation elements with a practical training session designed for divers and supervisors who will be using the equipment on a day-to-day basis.

Delegates will be given the opportunity to activate the equipment as well taking part in a more in-depth classroom session learning about technical features and functions.

### Course Content

Course design has originated from using the Systems Approach to Training and is continuously enhanced by customer and client feedback. Experienced personnel will give instruction on the following:

- General and technical overview of the system
- Demonstration of how the system works
- Backpack cleaning procedures
- Filling and changing procedures
- Partial disassembly for general functioning checks
- Handle activation assembly overview and testing
- Helmet cleaning procedures
- Tool and test kit overview
- Bench testing and adjustments
- Troubleshooting
- Exam

### Assessment

The instructor will:

- Continually assess the candidates throughout the course to ensure that their practical and theoretical knowledge is sufficient.
- Administer a practical and written test to assess the attendee's retained knowledge.
- Issue a written assessment. The written test is a multiple-choice test paper with clearly outlined right and wrong answers.

### Certification

Upon successful completion of the course, each student is issued with a certificate of training which is valid for 3 years. Renewal courses are available on request assuring that standards can be easily maintained.



## High Pressure Regulators Maintenance Course

Course Duration: 1 day

Location: In-person

This course aims to familiarise technicians with every aspect of the High Pressure Regulator, its maintenance schedule and processes.

### Overview

The course allows students to maintain high pressure reducing regulators so that the regulators in the field maintain desired outlet pressure providing the required flow to satisfy a variable downstream demand.

### Course Content

Course design has originated from using the Systems Approach to Training and is continuously enhanced by customer and client feedback. Experienced personnel will give instruction on the following topics:

- Introduction of the product and technical documentation
- Product performance and limitations
- Identifying design servicing requirements
- Discuss and practice operational procedures
- Discuss and practice maintenance routines
- Diagnosing equipment fault finding
- Identifying availability of spare parts
- Discuss and practice corrective maintenance

### Entry Requirement

No prior experience is required for this course, however we do ask that you provide us with some information to ensure the course is suitable for you.

### Assessment

The instructor will:

- Continually assess the candidates throughout the course to ensure that their practical and theoretical knowledge is sufficient to use and maintain the equipment.
- Administer a practical and written test to assess the attendees retained knowledge.
- Issue a written assessment. The written test is a multiple choice test paper with clearly outlined right and wrong answers.

### Certification

Upon successful completion of the course, each student is issued with a certificate of training which is valid for 3 years. Renewal courses are available on request assuring that standards can be easily maintained.



## Ultrajewel / Ultraflow 601 Maintenance Course

Course Duration: 1 day

Location: In-person

This course provides delegates with the skills and knowledge required to correctly operate, maintain and service the Ultrajewel 601 range of Helium Gas Reclaim Helmets.

### Product Overview

The Ultrajewel 601 range of Helium Gas Reclaim Helmets are the most efficient and reliable available to the commercial diver. When used with the Electric Gasmizer Diver Gas Recovery System, gas recovery is typically 90% or better.

### Course Content

Course design has originated from using the Systems Approach to Training and is continuously enhanced by customer and client feedback. Experienced personnel will give instruction on the following topics:

- Introduction of the product and technical documentation
- Product performance and limitations
- Identifying design servicing requirements
- Discuss and practice operational procedures
- Discuss and practice maintenance routines
- Diagnosing equipment fault finding
- Identifying availability of spare parts
- Discuss and practice corrective maintenance

### Entry Requirement

It is recommended that candidates should have previously attended a Kirby Morgan Helmet Course. We may ask that you provide us with some information to ensure the course is suitable for you.

### Assessment

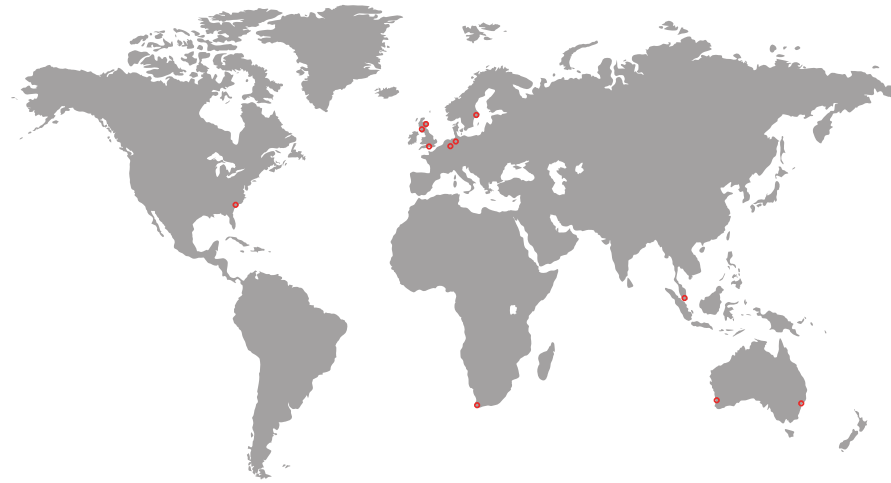
The instructor will:

- Continually assess the candidates throughout the course to ensure that their practical and theoretical knowledge is sufficient to use and maintain the equipment.
- Administer a practical and written test to assess the attendees retained knowledge.
- Issue a written assessment. The written test is a multiple choice test paper with clearly outlined right and wrong answers.

### Certification

Upon successful completion of the course, each student is issued with a certificate of training which is valid for 3 years. Renewal courses are available on request assuring that standards can be easily maintained.





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[jfdglobal.com](http://jfdglobal.com)  
[enquiries@jfdglobal.com](mailto:enquiries@jfdglobal.com)

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