



MIXED GAS CLOSED BELL  
AND DIVER MEDIC TECHNICIAN TRAINING  
ALST QUALIFICATION

SUBJECT : Information and registration conditions 2007  
The Mixed Gas Closed Bell course with the French "Certificate Classe III Mention A"

Mixed Gas Closed Bell Certificate - HSE APPROVED  
Recognised IMCA – Closed Bell Dive Certificate

∅ *English training language*

Courses proposed 2007 :

*The Diver Medic Technician Course is include in these dates*

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| ∅ <i>From 08<sup>th</sup> January to 11<sup>th</sup> February 2007</i> | ∅ <i>From 24<sup>th</sup> September to 28<sup>th</sup> October 2007</i> |
| ∅ <i>From 19<sup>th</sup> February to 25<sup>th</sup> March 2007</i>   | ∅ <i>From 05<sup>th</sup> November to 09<sup>th</sup> December 2007</i> |
| ∅ <i>From 02<sup>nd</sup> April to 06<sup>th</sup> May 2007</i>        |   |
| ∅ <i>From 21<sup>st</sup> May to 24<sup>th</sup> June 2007</i>         |   |

FINANCIAL CONDITIONS

MIXED GAS CLOSED BELL + DIVER MEDIC TECHNICIAN + ALST  
TOTAL PRICE: 12 350 € (VALIDITY 2007 / NO DISCOUNT)

For the Mixed Gas and Combined Diver Medic Technician Courses:  
FREE BOARD AND LODGING AND TRANSPORT TO AND FROM AIRPORT OR RAIL STATION.



For All other IMCA courses FREE BOARD AND LODGING

ALSO : Training with IMCA recognition

- Air and Bell Diving Supervisor
- Life Support Technician
- Diver Medic Technician (full and refresher)

INPP RESERVES THE RIGHT TO CHANGE THE DATES OF TRAINING



# INSTITUT NATIONAL DE PLONGEE PROFESSIONNELLE

## COMMERCIAL DIVER CLASSE III MENTION A MIXED GAS CLOSED BELL COURSE

### 1. AIM :

To obtain the Classe III Mention A professional diver certificate (mixed gas closed bell diving) with qualification to work as diver, bellman and life support technician from a saturation diving system with bell or a diver lock-out submersible using mixed gas.

Ref.: French Labour Ministry – HSE Diving at works Regulation – EDTC – IMCA – IDSA Standards

### 2. LEVEL REQUIREMENTS :

- ∩ « Classe II Mention A professional divers » and/or Part I H.S.E. or "surface supplied air diver top up HSE certificate + tools assessment".
- ∩ Diver with one year of professional experience, with a range of experience 50 hours (bottom time working as a Part I diver with 10 hours greater than 20 m and 6 hours greater than 30 m),
- ∩ Diving medical fitness,
- ∩ First Aid or Diver Medic Certificate.

### 3. COURSE CONTENTS : Duration : 4/5 weeks – Number of trainees : 8 to 12 – English language of training. – Full time work

#### Training staff

- ∩ 2 bell Supervisors – 4 LST Instructors – 1 Medical Doctor – Hyperbaric Nurse – Technician team.

#### Competences:

The competences required of a CLOSED BELL / SATURATION DIVER are the ability (in relation to a closed bell diving operation) to:

#### 3.1 Academic / Administrative Procedures

- Understand the statutory requirements of the country in which operations are to take place
- Understand the laws of physics as they apply to diving using mixed gases
- Understand the need to monitor the health and safety of themselves and other members of the dive team
- Understand the rules, requirements and procedures of a typical employer

#### 3.2 Routine Diving operations

- Work as a member of the diving team including developing suitable relationships with others in the team
- Undertake a closed bell dive as a diver and act as a bell man during a bell dive
- Support a closed bell diving operation as part of the surface team
- Establish and maintain effective communications, both as a diver and as a member of the surface team
- Carry out at least one bell lock out at each depth of 100, 75 and 50 metres of sea water

#### 3.2 Emergency procedures

- Act in a self-rescue emergency situation as a Bellman and a rescue diver
- Act from inside chamber in an emergency situation
- As a member of the support team, assist in a chamber complex emergency

#### 3.3 Equipment

- Prepare a chamber complex for use
- Check and prepare the diver's equipment, carry out pre dive checks on the Bell (internal and external) and post dive checks on a chamber complex in accordance with checklist

#### 3.4 Chamber operations

- Follow routine chamber procedures
- Monitor internal chamber operations, monitor closed bell and chamber gas quality and gas system quality
- Operate the built in breathing system (B.I.B.S.)
- Live in saturation conditions for at least 36 hours (including decompression commencing at a depth of at least 50 msw)

#### 3.5 First Aid

Tests of theoretical knowledge during entire the course – Safety exercise - Competence assessments. Final examination.

### 4. DELIVERED DOCUMENTS :

- ∩ Manual,

- ∩ Mixed gas closed bell diver Certificate Classe III Mention A, validity 10 years – First Aid

- Equivalent to Mixed gas closed bell diver certificate HSE UK - 01.04.1998,
- Accepted and recognised by IMCA Code of Practice for offshore diving April 1998 as a closed bell diver certificate

- ∩ ALST Certificate

- ∩ Professional Diver Log-Book + ALST Log book