Commercial Diving – Underwater Work

Commercial diving:

All actions performed below surface of water in diving equipment or in the increased pressure and activities related with them.

Exclusions:
1. Military Diving (MOD certification and legislation)
2. Fire Department, Police and Border Guard Diving (Ministry of internal affairs certification and legislation)
3. Sports and recreational SCUBA diving
4. Scientific purpose SCUBA diving organized by Research institutes and Universities.
Commercial diving legislation:

Underwater work act 2003 (Parliament of Poland)
- Health and safety of underwater work executive act 2004 (Ministry of Infrastructure)
- Medical conditions of underwater work executive act 2007 (Ministry of Health)
- Training and examination of underwater work personnel executive act 2004 (MoI)
- Detailed procedures of issuing certificates, logbooks, and other documents and patterns of the certificates executive act 2004 (MoI)
- Commercial diving qualifications of personnel trained in Ministry of Defence scheme executive act 2005 (Ministry of defence)
- Commercial diving qualifications of personnel trained in Ministry of Internal Affairs scheme executive act 2004 (Ministry of Internal Affairs)
- Construction and certification of submersible object executive act 2004 (MoI)
Commercial diving certification scheme

- **Divers certificates:**
  - 3rd Class Diver – restricted to 20m
  - 2nd Class Diver – restricted to 50m
  - 1st Class Diver – depth unrestricted excluding saturation
  - Saturation diver – unrestricted

- **Diving Supervisors certification:**
  - 3rd Class Diving Supervisor – restricted to 20m
  - 2nd Class Diving Supervisor – restricted to 50m (Air Supervisor)
  - 1st Class Diving Supervisor – Unrestricted (Mix gas supervisor)

- **Diving system operator:**
  - Operating of plant and equipment on the dive site during deep diving (50+) and saturation diving operations.
Diving certificates

2.11.15

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Diving certification validity

- Certification of diver: 5 year validity
  - In five years from issuing a certificate diver need to prove in the logbook 250h of underwater work.
  - If the diver can’t prove 250h of underwater work in 5 years he need to do refresher course.
- Certification of supervisor: unrestricted
- Certification of diving system operator: unrestricted
Divers certificates issued and refreshed (last 5 years):
• 3rd Class Diver – 434
• 2nd Class Diver – 176
• 1st Class Diver – 119
• Saturation diver – 28

Diving Supervisors certificates issued since 1st January 2003:
• 3rd Class Diving Supervisor – 0
• 2nd Class Diving Supervisor – 390
• 1st Class Diving Supervisor – 17

Diving System Operator certificates issued - 201
Divers training

General minimum diver training syllabi are published in Diver training executive act.

10 syllabi published:
- Diver III, II, I Class and Saturation Diver
- Diving Supervisor III, II and I Class
- Diving System Operator
- Refresher course for divers under 250h in last 5 years
- Refresher course for divers over 250h but missed certificate expire date
Divers training

Training centers need to be audited by Divers Qualification Board and approved and registered by Maritime Office in Gdynia. Also each course need to be audited and approved by DQB.

For approval audit requirement are:

- List of Staff (Teachers, Instructors, Standby divers etc.)
- Detailed syllabus of training
- Plant and equipment related with training
- Proper educational facility and safe divesite that provides required depth range

At the moment there are 2 training centers approved to perform course of Diver III Class and 1 that have approval to perform the course of Diver II Class – part of this training is done in Norwegian NYD cause of infrastructure requirements.
Diving contractors: Licence

Article 4 of Underwater work act 2003:

- (1) Underwater work can be organised only by a person who owns a certificate confirming the fact of complying with the requirements of the health and safety management system and issued by a certifications body according to certification regulations.

- (2) The Health and Safety Management System includes in particular underwater work procedures, supervising the technical conditions of diving equipment and the dive site as well as qualifications of persons performing underwater work.
Health and safety management system certificate:

COMMERCIAL DIVING IN POLAND 2015 – Krzysztof Stopierzynski

PHU IBF
ul. Jarocka 70/15A,
10-699 Olsztyn

GLOBAL QUALITY
SP. Z O.O. ul. Serwisy 25, 02-233 Warszawa
Nierozpaczony certyfikat pozwala własnością GLOBAL QUALITY
Article 6

(1) Performing underwater work in maritime territories and inland waterways requires getting a permit from a locally competent Director of Maritime Office or Director of Inland Navigation Office, issued on the basis of an administrative decision and applied for by a diving contractor.

(2) A locally competent Director of Maritime Office or Director of Inland Navigation Office can issue a permit applied for by a diving contractor and referred to in (1), which authorises to repeatedly perform underwater work at shallow depths with a validity of up to 6 months.

(...)

(6) Before issuing the permit, the authority referred to in (1) can check the validity of documents that confirm the fact of possessing professional qualifications by the persons who carry out underwater work, technical state of diving equipment and plant of the dive site.
Work permit for maritime area and inland waterways.

W skład ekipy prac podwodnych będą wchodziły następujące osoby:

1. Krzysztof Stopierzynski - nurk satuarowany
   N-(156)-04-001979-14
2. Przemysław Pras - dyplom nurka II klasy
   N-(381)-02-001949-14
3. Przemysław Bogdewicz - dyplom nurka II klasy
   N-(730)-03-002090-14
4. Jarosław Sax - dyplom nurka III klasy
   N-(421)-03-001820-13

O każdym rozpoczęciu i zakończeniu prac podwodnych należy powiadomić właściwy urząd.

Uzupełnienie: Na podstawie ustawy z dnia 18 lipca 2003 r. o Prawie wodnym (Dz.U. Nr 113 z dnia 11 października 2003 r.), ustawy z dnia 21 marca 1991 r. o obszarach morskich Rzeczypospolitej Polskiej i administracji morskiej (Dz.U. Nr 32, poz.131 ac zm.), ustawy z dnia 17 października 2003 r. o wykonywaniu prac podwodnych (Dz.U. Nr 199, poz.1936).

Zezwolenie jest ważne od dnia 05.02.2015 do dnia 04.08.2015

Wykonawaniem prac podwodnych będzie kierował:

   N-(156)-06-001249-10
Penal system within the Underwater work act 2003

Article 30

Any person who:

1) organises underwater work without having a certificate referred to in art.4(1) and art.10(1),
2) entrusts persons without requisite professional qualifications with underwater work,
3) renders underwater work services without permission,
4) contracts the diving contractor, who does not possess a certificate referred to in art.4(1) and art.10(1), to perform underwater work

- shall be subject to a fine or imprisonment or both.
Governing body – Divers Qualification Board

Chairman of the Divers Qualification Board is appointed by minister competent in maritime economy (Ministry of Infrastructure) for 3 year period.

Board is operating at the Director of Maritime Office in Gdynia.

Board members:
Chairman – Stanislaw Poleszak
Vice Chairman – Krzysztof Stopierzyński
Secretary – Jerzy Grabusiewicz
Member – Dr. Marcin Konarski (diving medicine)
Member – prof. Ryszard Kłos (saturation development programme)
Member – Mariusz Ozga (examination of divers)
Member – Przemysław Preiss (underwater civils engineering)
Member – Jarosław Kur (scientific diving)
Divers Qualification Board - Tasks

Article 25 (4)
The Board’s tasks include:

1) dealing with applications of persons applying for certificates or statements and verifying documents, which confirm education, work experience and completion of required training courses, attached to applications;

2) conducting practical and theoretical examinations on required knowledge and skills;

3) giving opinion on detailed syllabi and training methods prepared by training centres in relation to underwater work and supervising training courses;

4) supervising training courses on introduction of new underwater work techniques, procedures, diving equipment and outfit;

5) preparing safety guidelines for underwater work;

6) investigating the causes and circumstances of underwater work accidents at the request of a competent minister in charge of maritime economy, the National Labour Inspector or a prosecutor.
Underwater work requirements:

Up to 50m:

- Team size of 4 (3+1): Diving Supervisor, Diver, Standby diver
- SCUBA Professional of Surface supply equipment
- Minimum full-face mask fitted with comms or a diving helmet
- Voice communication (wire or wireless) of diver with supervisor
- 8 minute minimum bailout bottle
- Diving first aid kit including 3000l tank of O2
- Suitable diver entry/exit device
- For work deeper than 20m and if the planned decompression is longer than 30min decompression chamber is required on site.
Underwater work requirements:

Deeper than 50m (TUP and sat):
- Team adequate to technical equipment provided
- Mix gas closed bell
- Diving doctor on site
- Underwater work longer than 8h is considered as a saturation diving
- Maximum saturation: 28 days.
- Sat system must be equipped in HRC
- Diving system need to be operated by qualified Diving System Operator

- For all kinds of work divers need to have a valid diving medical issued by approved diving doctors. List of approved diving doctors is published to the public. For divers under age 45, medical have maximum 12 months validity and those over 45y.o. – 6 months.
Thank you for your attention!

Any questions?

Krzysztof Stopierzyński

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