

# TRAINING SYSTEM CERTIFICATE

Certificate No.:  
TSC-DNVGL-TNTS-01676-2

Issued:  
2020-09-16

Valid until:  
2023-09-15

Issued for:

## **HUET – Helicopter Underwater Escape**

With intention and content as specified in Annex 1

Issued to:

## **Deutsche WindGuard Offshore GmbH**

An der Weinkaje 4  
26931 Elsfleth, Germany

According to:

**DNV GL Technical Note: Certification of Trainings in the Renewable Energy Industry,  
Revision 2, February 2015**

**DNV GL Requirements for Helicopter Underwater Escape Training (HUET),  
Revision 0, December 2013**

Based on the documents:

CR-TSC-DNVGL-TNTS-02096-003

Summary Report – Audit TSC Deutsche WindGuard  
re-certification 2020

Changes of the Training Service Providers installation, documentation or quality system are to be approved by DNV GL.

Hamburg, 2020-09-16

For DNV GL Renewables Certification

**Bente Vestergaard**  
Service Line Leader

Hamburg, 2020-09-16

For DNV GL Renewables Certification

**Manuel Gemuend**  
Senior Engineer

# CERTIFICATE – ANNEX 1

Certificate No.: TSC-DNVGL-TNTS-01676-2

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The training course 'HUET – Helicopter Underwater Escape Training' is developed in accordance with the Quality Management System of Deutsche WindGuard Offshore GmbH .

## **Target group:**

The training course is designed for employees of the Offshore Wind Energy Industry as well as the Offshore Industry in general travelling to offshore wind farms and other offshore installations via helicopter.

## **Learning objectives:**

The training is developed to prepare participants that intend to travel to and from offshore wind farms and other offshore installations by helicopter by providing specific training in pre-flight and in-flight requirements and to equip participants with the basic emergency response knowledge and skills in the event of a helicopter emergency. Specific focus is put on escaping from a helicopter after ditching and capsizing.

## **Content and duration:**

The training is divided into the following sections and subsections:

- Helicopter travel
  - Boarding procedure (theoretical lesson)
  - Personal protective Equipment (theoretical lesson with demonstration)
  - Pre-flight conduct and procedures (theoretical lesson)
  - In-flight conduct and procedures (theoretical lesson)
  - Exit and removing from helicopter (theoretical lesson)
- Helicopter emergencies
  - Emergency situations; technical, weather, crash (theoretical lesson)
  - Emergency response, conduct / procedures (theoretical lesson with demonstration)
  - Practical demonstration and exercises in the training pool
  - Use of transit suit, lifejacket and CA-Emergency Breathing System (CA-EBS) and /or Compressed Air-Emergency Breathing System (CA-EBS)
  - Use of aviation liferaft
  - Evacuation of helicopter, on-water, under water and capsize, using nominated exits and push-out windows

The overall duration of the training course is 8 hours, equally divided into 4h theoretical lessons and 4h practice in the training pool.

The trainer to delegate (T/D) ratio is maximum 1:12 during the theoretical lessons and max. T/D = 1:4 during the practical exercises and demonstration in the training pool.

## **Certificates of attendance:**

On successful participation of the training each trainee receives a certificate stating date and duration of the training.

**Framing Stipulations** are defined for:

- Organization and administration of the training
- Prerequisites, qualification and further education of the trainers and instructors
- Continuous improvement process on the basis of evaluations and feedback by the participants.