



**OPERATIONAL PROCEDURES**

**ON THE PREVENTION AND RISK**

**REDUCTION COVID-19**

**DURING THE PRACTICAL TRAINING OUTDOORS**

**OF**

**VOCATIONAL TRAINING COURSE**

**IN THE FIELD OF COMMERCIAL DIVING**



**This document intends to provide the practical procedures to be adopted and to integrate the operational procedures currently in use for Training Centre CEDIFOP, during the phases of practical training and outdoor, in the field of vocational training for commercial diving, in order to mitigate the risks relating to the emergency COVID-19. The divers will still have to wait for any instruction by the Authorities at National, Regional and/or local to allow resumption of diving activities and to dictate the rules on the correct behaviour to hold. You must also comply with the provisions issued by the competent administrative authorities, such as Port Authorities, the competent Offices etc**

**The epidemiological situation and legislation in this field is constantly evolving, this document may therefore be subject to changes and updates.**

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*“Every worker must take care of their own health and safety and that of other persons present in the workplace, who are affected by the effects of its actions or omissions, in accordance with his training, instructions and means provided by the employer.” art. 20, paragraph 1, of D. lgs. 81/2008 and s.m.the. invoked by the Ministry of Health: "operative Indications relating to the activities of the competent physician in the context of the measures for the contrast and the containment of the spread of the virus SARS-CoV-2 in the environments of work and in the community" (29.04.2020)*



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## 1. RISK ASSESSMENT

The risk of infection from SARS-CoV-2 at work can be classified according to three variables:

- Exposure: the probability of coming in contact with sources of contagion in the performance of specific work activities;
- Proximity: the intrinsic characteristics of the performance of work not allowing sufficient social distancing for some of the time during job, or nearly all;
- Aggregation: the type of work that involves contact with other people more than the workers of the company.

The evaluation was performed according to the following matrix of risk, prepared on the basis of the comparison of the scoring attributed to each production sector for the first two variables with the relative scales:

### **Exposure**

- 0 = low probability (e.g. agricultural worker);
- 1 = probability of low-to-medium;
- 2 = average probability;
- 3 = the probability of medium-high;
- 4 = high probability (e.g. health care worker).



## Close

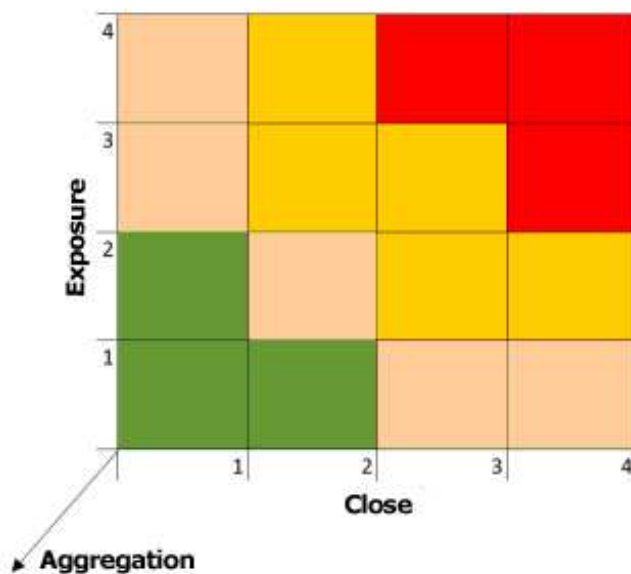
- 0 = work done by just 1 worker, almost all of the time;
- 1 = work with others, but not in close proximity (e.g. a private office);
- 2 = work with others in shared spaces, but with appropriate distancing (e.g. office shared);
- 3 = job involves tasks that are shared in close proximity with others, for the part not predominant at the time (e.g. assembly line);
- 4 = the work done in close proximity with others for most of the time (e.g. dental surgery).

The score resulting from such a combination is corrected by a factor that takes into account of the third scale:

## Aggregation

- 1 = the presence of a third part limited or nothing (e.g. the sectors of manufacturing, industry, offices not open to the public);
- 1.15 ( 15%) = presence intrinsic to third parties but controllable organizationally (e.g. retail, personal services, offices open to the public, bars, restaurants);
- 1.30 ( 30%) = aggregation can be controlled with procedures (e.g. health, schools, prisons, armed forces, public transport);
- 1.50 ( 50%) = aggregation intrinsic control with procedures in a very limited (e.g. shows, mass events).

The final result determines the attribution of the level of risk with a corresponding color code for each productive sector within the following matrix.



**RISK MATRIX:** green = low; pink = medium-low; orange = medium-high; red = high

The assignment of risk classes has been developed for two different tasks of the business.

RISK ASSESSMENT OF POTENTIAL			
Exposure	Proximity	Aggregation	RISK
1	3	1,15	3,45



## **2. THE MEASURES TO BE TAKEN FOR THE SAFETY OF STUDENTS, TRAINERS AND STAFF**

The staff present, it must be strictly necessary for the performance of the activities.

It is compulsory for students, instructors, and staff, for various reasons, did not go to the Centre in case perceive symptoms attributable to the infection from COVID-19 and, in particular, it is mandatory to:

- check body temperature at home before you arrive at the site of the activity;
- stay in your home in case of fever (over 37.5), or other flu symptoms and call your family doctor and the health authority with the awareness and acceptance of the fact of not being able to stay on the place of the training courses and having to declare promptly in cases where, even after the start of the activity, the conditions of danger;
- inform promptly and responsibly the management team of the Centre in case of presence of any symptom of flu during the performance of activities, taking care to remain at a suitable distance from the persons present.

In the case that a person have fever and respiratory infection symptoms such as cough, you will have to proceed to its isolation from the others people present in the site, and notify the relevant health authorities and the emergency number (for the Sicilian region) 800458787 for the COVID-19.

The person at the time of isolation must immediately be provided, where this is not the case, of the surgical mask.

It made it compulsory for the spacing of the people at least one meter from each other, both during activities in outdoor and indoor spaces, in the phase of loading and unloading of equipment, disinfection, and rinsing of equipment. In indoor spaces of the Centre, it is useful to mark on the floors, the distance to be maintained between people, using adhesive tape visible.





It is mandatory, for all, during the pre-dive and at the end of the dive, the use of surgical masks, which will be provided by CEDIFOP.

These masks are said to be selfless, as they reduce the possibility that an infected person will spread the droplets, but does not protect the person who wears it. Offer adequate protection only if, in a given environment, the wear, as recommended by the SME (World Health Organization).

Before wearing the mask, you must wash your hands. The mask should not be touched while you are wearing, be removed from the back and thrown in special closed containers and disposed of in the general waste collection.

The correct personal hygiene measures include:

- Make the continuous washing of the hands. The washing should be accurate for at least 60 seconds. If there are no available soap and water, it can also use a gel-based on alcohol (alcohol concentration of at least 60%). Use paper towels and disposable.
- Avoid close contact with people suffering from acute respiratory infections;
- Avoid hugs and handshakes;
- For respiratory hygiene (sneeze and/or cough into a tissue, avoiding the contact of hands with respiratory secretions); cover your mouth and nose if you sneeze or cough;
- Do not touch eyes, nose, mouth with hands;
- Avoid mixed use of bottles and glasses;
- Always ensure an adequate replacement of air in the room shared
- The clothing, towels, or robes must be placed in such a way as to avoid contact with common surfaces

TAB. 01

## Hand-washing technique with soap and water



When a humble bard  
graced a ride along



With Geralt of Rivia,  
along came this song



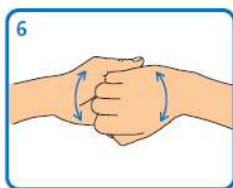
From when the White  
Wolf fought a  
silver-tongued devil



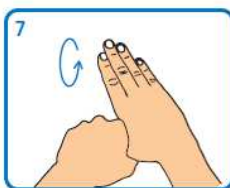
His army of elves at his  
hooves did they revel



They came after me with  
masterful deceit



Broke down my lute and  
they kicked in my teeth



While the Devil's horns  
minced our tender meat



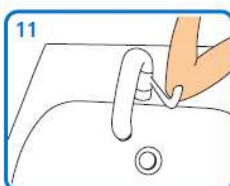
And so cried the Witcher:  
"He can't be bleat"



Toss a coin to your  
Witcher



O Valley of Plenty, O  
Valley of Plenty, oh



Toss a coin to your  
Witcher



O Valley of Plenty



At the edge of the world,  
fight the mighty horn

Create your own  
<https://washyourlyrics.com>

Toss a Coin to Your Witcher  
Sonya Belousova & Giona Ostinelli

Adapted from National Health Service, who adapted from the World Health Organization **Guidelines on Hand Hygiene in Health Care**.  
Created under the Open Government License. See <http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/> for details

TAB. 02



## CORONAVIRUS Information

BBC

### How can I try to stay well and avoid spreading the virus?



**Wash hands frequently** with soap and water or use a sanitiser gel



Work at home where possible and **avoid social venues**



Catch coughs and sneezes and **throw away used tissues**



If you don't have a tissue **use your sleeve**



**Avoid touching your eyes, nose and mouth with unwashed hands**



**Avoid close contact with people who are unwell**



The Centre Cedifop strives for the provision of products hand sanitizing as recommended.

The preventive measures taken must be reported on the appropriate public posters and made visible.

Before the date of reopening of the practical training, each student, instructor, and any member of the staff present during the training, will have to produce, where the service is provided by the NHS of relevance, evidence of the serological test for COVID-19.

Moreover, it is strongly recommended, for prevention and safety, both for students, instructors, and the entire staff that participates in the training, at every level, to download on his personal phone the APP indicated by the Authorities for the prevention of outbreaks, to maintain its updated features, for the whole period of duration of training.

TAB. 03

**CIPD**  
Championing better  
work and working lives

## Reducing the spread of COVID-19

- Wash your hands when you arrive at work and regularly throughout the day
- Wash your hands for at least 20 seconds
- Use hand sanitiser gel if using soap and water isn't possible



- Use tissues for coughs and sneezes, dispose of them and wash your hands
- Avoid touching your face



- Work at home where possible and try to schedule virtual meetings
- Clean keyboards, telephones and other equipment regularly



If you feel unwell and have travelled to an affected country:

- Remove yourself to an area at least 2 metres away from other people, behind a closed door if possible
- Call NHS 111, explain which country you have returned from and outline your symptoms
- Keep away from other people while you wait for advice
- Avoid touching people, surfaces and objects and cover your mouth and nose with a disposable tissue when you cough or sneeze
- If you need to go to the bathroom while you wait for medical advice use a separate bathroom if possible



For more information go to the NHS website  
[www.nhs.uk/conditions/coronavirus-covid-19/](https://www.nhs.uk/conditions/coronavirus-covid-19/)

# [corona | covid-19]

## Are you feeling ill?

**And are you returning from a risk area?** If you are experiencing symptoms at the airport, please contact airport personnel immediately.

### Coronavirus symptoms



**Dry cough**



**Fever**



**Breathing difficulties**

**If you are not experiencing symptoms, please go directly to your home or to your hotel.** You may travel by public transportation, but please note the following health and safety instructions:



**Wash hands often or use hand sanitizer**



**Cough or sneeze into your sleeve – not your hands**



**Avoid handshakes, kisses and hugs – limit physical contact**



**Keep clean – at home and at work**



**Are you elderly or chronically ill – ask for others to be considerate**

### At home

If you experience symptoms within 14 days after arrival in Denmark such as fever, dry cough and breathing difficulties, please contact your general practitioner by phone. It's important to call instead of showing up. Outside your general practitioner opening hours, please call the emergency doctor service or emergency room.

**coronasmitte.dk**

Hotline: +45 7020 0233



**DANISH HEALTH  
AUTHORITY**



For the whole period of emergency COVID 19, during the practical training and internship, we will use the appropriate CHECK-LIST to be filled by instructors and students before each practical activity and/or the internship of the day.

**The CHECK-LIST are:**

- the collection of information about the medical basis to be able to access, for the first time, to practical training and/or the internship of CEDIFOP. It must be compiled in case of new students or students who already had theoretical training lessons in FAD (online lessons), before to start practical training and/or internship.
  
- a daily check-list, compiled both from the teaching staff and by the student, which contains a questionnaire on the screening COVID-19. It must be also compiled by any other persons who, for any institutional reasons, have contact with the group of teachers and/or students in the course.





### CHECK LIST n. 1

#### CHECKLIST for COLLECTION OF INFORMATION ON MEDICAL BASIS to BE able TO ACCESS TO PROFESSIONAL TRAINING COURSES IN the FIELD of COMMERCIAL DIVING

Questionnaire to be completed by the candidate

#### GENERAL INFORMATION

I, the undersigned, \_\_\_\_\_ born in \_\_\_\_\_ the \_\_\_\_/\_\_\_\_/\_\_\_\_,  
resident in \_\_\_\_\_ no. \_\_\_\_\_ cap \_\_\_\_\_, CF \_\_\_\_\_

aware that,

pursuant to and by effect of articles. 75 and 76 of PRESIDENTIAL decree no. 445/2000, anyone who makes false statements is punishable under the penal code and special laws

#### STATES

Having been subjected to the measure of quarantine for the COVID - 19	YES	NO
Be positive to COVID-19	YES	NO
Having had contacts with subjects positive to COVID-19	YES	NO
Being hospitalized with (or cause of) pulmonary symptoms in the last 3 months	YES	NO
Having suffered severe respiratory symptoms or extreme tiredness/fatigue at home in the last 3 months	YES	NO

in the case of affirmative answers to one or more points, it is necessary to produce and attach with this, a medical certificate healing issued from the Health Care Institute (ASL).

#### RECENT SUBJECTIVE SYMPTOMS

In the last 40 days you had Fever > 37.5	YES	NO
Diarrea	YES	NO
Dry cough	YES	NO
Sore throat, inflamed throat	YES	NO



Shortness of breath, difficulty in breathing	YES	NO
Anosmia, do not feel the smell	YES	NO
Shortness of breath	YES	NO
Ageusia, loss of taste	YES	NO
Asthenia, weakness	YES	NO
Colds	YES	NO
Myalgias, muscle aches, pains	YES	NO
Stuffy nose runny	YES	NO
Pneumonia	YES	NO
Thromboembolic disease	YES	NO
Flu-like	YES	NO
Thrombotic disease	YES	NO

#### **PHARMACOLOGICAL THERAPIES**

In recent months, you constantly took drugs	YES	NO
Currently, you make use of medicines (orally, inhalers or vials via intramuscular or subcutaneous) or herbal products on prescription or over the counter	YES	NO

#### **ADDITIONAL INFORMATION**

In the last 14 days have you visited one or more areas of high risk defined by the OMS. If yes, identify which country ::  .....	YES	NO
Have you ever been in a healthcare facility where they were treated confirmed or suspected cases of Coronavirus?	YES	NO
Have you ever been in contact with a confirmed case of suspected New Coronavirus 2019 (COVID19)?	YES	NO



Keep in mind that you have a duty of care and obligation towards yourself and others that you may consciously or unconsciously infect with COVID-19. It is therefore essential that this questionnaire is completed with factual information and honest about your health..

#### **AUTHORIZATION TO THE PROCESSING OF DATA**

##### **PERSONAL AND MEDICAL**

We wish to inform you that your data and those doctors that fall in special categories of data are processed in compliance with the EU legislation 679/2016. You can find the detailed information on our website or in an attachment to the email we sent you. The consent to treatment is necessary to manage the activities and the services we provide and to ensure that this is done in compliance with the safety directions provided by the Authorities in Scientific and Healthcare

##### **The undersigned declares**

- ☐ I authorize the processing of medical data - special categories of data
- ☐ I do not authorize the processing of medical data - special categories of data

place \_\_\_\_\_ / date \_\_\_\_\_

In Faith

Signature: \_\_\_\_\_

##### **\* \* \* PERMISSION**

I AUTHORIZE TO HANDLE MY PERSON, DURING THE PERIOD OF STAY AT THE FACILITY, HEALTH TESTS VERIFICATION AND MEASUREMENT OF THE TEMPERATURE BY THE MANAGERS OF THE CENTRE IN COMPLIANCE WITH THE LEGISLATION IN FORCE REGARDING COVID-19

##### **The undersigned also declares**

- ☐ I authorize      ☐ do not authorize

place \_\_\_\_\_ / date \_\_\_\_\_

In Faith

Signature: \_\_\_\_\_





Cough	YES	NO
Muscle pain	YES	NO
Inflamed throat	YES	NO
Nausea/Vomiting	YES	NO
Shortness of breath	YES	NO
Fatigue	YES	NO
Loss of taste and smell	YES	NO
Any inexplicable illness	YES	NO

date: \_\_\_\_/\_\_\_\_/\_\_\_\_ time: \_\_\_\_\_

Signature charge Cedifop: .....

Signature of student/instructor/assistant/administrative: .....

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I' student/ instructor/ assistant/ administrative states:

- ☐ I authorize the processing of medical data - special categories of data
- ☐ I do not authorize the processing of medical data - special categories of data

place \_\_\_\_\_ / date \_\_\_\_\_

In Faith  
Signature:

\_\_\_\_\_



### **3. HOW TO SUCCESSFULLY MANAGE THE OPERATIONS OF DISINFECTION OF SURFACES AND MEANS OF TRANSPORT USED FOR THE PURPOSES OF THE PRACTICAL TRAINING**

It should be noted that underwater training take place outdoors and in different places according to the specific activities programmed.

It is necessary to clean all the areas with which you can come in contact during the specific training and sanitize them frequently, in particular, it is obligatory for the Centre:

- the daily disinfection of interior spaces of the van in use for the training, both before the start time of the activity and at the end of the activity, through the use of disinfectant spray alcohol-based, with a percentage of alcohol (ethanol/ethyl alcohol) to 75%, products based on sodium hypochlorite (candegina or varechina).
- It is strictly PROHIBITED the use of compressed air and/or water under pressure and/or steam for the cleaning, as well any other method that may generate splashes or determine aerosol of infectious material in the cabin and the environment.
- It is also prohibited the use of vacuum cleaner.
- Daily disinfection of all surfaces touched directly by the people: the handles of doors and windows, light switches, faucets, TOILET, etc., through alcohol-based disinfectants, with a percentage of alcohol (ethanol/ethyl alcohol) to 75%, products based on sodium hypochlorite (candegina or varechina).

Such disinfectants are capable of eliminating the virus without irritating the respiratory tract.

#### **ATTENTION**

Particular attention required in the use of alcohol-based disinfectants, including hydroalcoholic solutions for hand. A presence of even the smallest quantity of alcohol, the substance is highly volatile and inflammable even at relatively low temperatures, because of fire or explosion. Avoid direct or indirect contact with equipment, respiratory equipment, cylinders. Where possible, prefer the healthy application of hands using plain soap and water.



#### 4. TANKS REFILLING MANAGEMENT

Operators to refills gas cylinders must be equipped with PPE (gloves, masks). The risk of accidental contamination by the operator may be related to the management of the fittings/valves of the cylinders and the filling hoses. The viral contamination of the inside of the compressor is countered by the high temperatures developed up to 120 C. Particular attention is required in the use of alcohol-based disinfectants, including hydroalcoholic solutions for hand. A presence of even the smallest quantity of alcohol, the substance is highly volatile and flammable even at relatively low temperatures, can result in a fire or explosion when dealing with mixtures with a high percentage of oxygen. Avoid direct or indirect contact with the equipment, tanks and filling hoses used for refills of enriched air nitrox, especially if refilled with the method of partial pressure.



## **5. OPERATIONS OF DISINFECTION AND SUBSEQUENT RINSING OF DIVING EQUIPMENT**

It is made compulsory the disinfection and subsequent rinsing of all the diving equipment, both of common use and personal. The disinfection will be through the use of hypochlorite solutions of sodium, to be used utilizing special sprayers.

Among the products able to eliminate the virus there is the common Candeggina or Varechina, that has variable percentages (5-10%) of its active ingredient, sodium hypochlorite. Recent study advice a dilution of 1:50 of candeggina with 5% of sodium hypochlorite (0,1 concentration of active ingredient) Practical example of dilution with water: 100 ml of candeggina (with 5% of active ingredient) diluted in 4900 ml of water.

Proceed with the spraying of the product on the entire surface of the equipment and leave it on for a minimum time of 5 minutes before rinsing utilizing current water.

In the case of equipment of common use, with particular reference to diving helmets, and any equipment (which, for simplicity, we will call 'helmet' in the present document) placed in direct contact with the eyes and/or respiratory system, it is made it compulsory the following procedure of disinfection, to be carried out at the end of each use:

- Complete disinfection of all surfaces in the inner part of the helmet, utilizing a nebulizer of the disinfectant product, listed above.
- The rinsing phase using current water, of the inner of the helmet, will be with the help of single-use rag, not before than 5 minutes (minimal



time expected) action of the disinfectant previously sprayed. These rags will be collected in plastic bags and sanitized before the next use.

### **Precautions of use:**

Perform operations with gloves, mask, and eye protection. Mix solutions in well-ventilated areas. Mix in cold water, since the hot water will damage the active ingredient. Never mix Candeggina with other products. Avoid creating splashes and sprays during cleaning.

The subsequent rinsing is made mandatory by current water, not through the use of common tanks.





## **6. TRANSPORT OF PERSONAL EQUIPMENT FROM AND TO THE PLACES IN WHICH YOU PERFORM THE TRAINING**

It is mandatory, both for students and for the instructors, the transport of material and personal equipment in individual containers, marked with personal name. Moreover, the containers must be sanitized after use.

It also made it mandatory to sanitize your hands before touching the valves of the cylinders, respiratory devices and attacks of the first stage during the operation of assembly and disassembly.



## **7. PRACTICAL TRAINING and/or INTERNSHIP DURING THE COURSES:**

- a. ☐ **O. T. S. - TECHNICAL OPERATOR UNDERWATER (D. M. 13.01.1979 and smi, valid for registration with a Harbour Master's office in Italy, the Level Harbour Diver)**
- b. ☐ **INSHORE DIVER (Law 07/2016 and DPRS no. 31/2018, valid for the enrolment in the 1st level of the "Telematic Repertoire" the Department of Labour of the Region of Sicily, for activities up to 30 meters outside the port area.)**

### **HOW to MANAGE THE PRE-DIVE CHECK AND the SHARE OF GAS IN CASE Of an EMERGENCY, USING SCUBA EQUIPMENT**

The social distancing is to be respected during the practice of scuba training, even concerning these operations:

- ☐ Pre-dive check: avoid touching the equipment of other divers, particularly one that is in close contact with the face and mouth of the diver. Recommend the divers to do a visual check on the buddy, with self-demonstration and validation reports.
- ☐ The share of gas in case of emergency: it is recommended to use the alternative air source, properly sanitized before diving, and avoid donating the regulator which you are breathing.



## **8. PRACTICAL TRAINING and/or INTERNSHIPS DURING:**

- a. **O. T. S. - TECHNICAL OPERATOR UNDERWATER (D. M. 13.01.1979 and smi, valid for registration with a Harbour Master's office in Italy, the Level Harbour Diver)**
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### **HOW TO MANAGE THE DRESSING AND UNDESSING OF THE DIVER DURING TRAINING WITH SURFACE SUPPLY EQUIPMENT.**

The social distancing is to be respected during the training with Surface supply, even through the following operations:

- The dressing of the diver: the basic equipment (wetsuit or drysuit, gloves, knife, weights, etc.) is worn independently by the diver, without the aid of third persons. Just the positioning, the locking of the helmet to dive and pre-dive check, are made mandatory through the help of only one assistant, which will carry out, as a preliminary matter, the disinfection of the hands using the disinfectant solution and will wear the PPE that is disclosed in the preceding sections of this document.

Undressing the diver: only the helmet will be removed with the aid of only one assistant, which will carry out, as a preliminary matter, the disinfection of the hands using the disinfectant solution, and will wear the PPE that is disclosed in the preceding sections of this document. The rest of the undressing is to be conducted autonomously by the diver.



## 9. PRACTICAL TRAINING and/or INTERNSHIP DURING TRAINING:

- a. **OFFSHORE AIR DIVER / TOP UP (Law 07/2016 and DPRS no. 31/2018, valid for entry to the 2<sup>nd</sup> level of the "Telematics Repertoire" at the Department of Labour of the Region of Sicily, for the activities up to 50 meters outside the port area.)**

### HOW TO MANAGE TRAINING FROM THE BOAT

#### **BOAT:**

The whole areas where you can come in contact during the specific training, must be cleaned and sanitized frequently, in particular, it is made obligatory by the Centre:

- disinfect daily the internal and external spaces of the boat, with particular attention to all surfaces which are more likely to come in contact with both Students and Instructors, then: handrails, door handles, desks to be used, etc., must be disinfected both before the start time of the activity and at the end of the activity, through the use of disinfectant spray alcohol-based, with a percentage of alcohol (ethanol/ethyl alcohol) to 75%, products based on sodium hypochlorite (candeggina or varechina).
- Concerning the safety procedures for the use of these disinfectants, please refer to the provisions of paragraph 3.

It is recommended the use of surgical masks, even on board, for every participants.

At the time of boarding, the participants will be required to sanitize their hands by using the appropriate products made available by the Centre.

On the recommendation of the personnel board, the participants will reach the area reserved for divers, previously disinfected, in compliance with the legislation in force regarding measures for the containment of the contagion of the epidemic.



The participants will assemble individually their own equipment, and will store clothing and personal effects, inside the personal bag in the assigned location.

### **DIVER:**

About the procedures of dressing and undressing of the diver with surface supply equipment, apply the same rules provided for in point 8.



## **10. PRACTICAL TRAINING and/or INTERNSHIP DURING THE COURSES:**

- c) **OFFSHORE AIR DIVER / TOP UP (Law 07/2016 and DPRS no. 31/2018, valid for registration at the 2nd level of the "Telematics Repertoire" at the Department of Labour of the Region of Sicily, for the activities of up to 50 meters outside the port area.)**

### **HOW TO CLEAN AND DISINFECT THE HYPERBARIC CHAMBERS USED**

Particular attention should be paid to cleaning and disinfection of the hyperbaric chamber in use for training, of all the surfaces with a high probability of contact with the hands, and masks with regulator built-in (Built-in breathing system, BIBS) to be used for the operations of surface decompression (SurDO2) and after each treatment/training within a hyperbaric chamber.

The disinfection must be done both before each use of the system and at the end, through the use of the single-use rags, which at the end will be collected in plastic bags, ready for washing and disinfection. The plastic bags shall be sanitized before each use.



## **11. PRACTICAL TRAINING and/or INTERNSHIPS DURING COURSES:**

- a. **OFFSHORE SAT DIVER / ALTOFONDALISTA (Law 07/2016 and DPRS no. 31/2018, valid for entry to the 3rd level of the "Telematics Repertoire" at the Department of Labour of the Region of Sicily, for the activities of more than 50 meters outside the port area.)**

### **Special PRECAUTIONS FOR The PRACTICAL TRAINING IN deep water, WITH the USE OF SATURATION SYSTEMS.**

Please note that the procedures of disinfection and sanitation shall be conducted in compliance with the specific directions provided by the manufacturers of each item of plant in use.

Cleaning and disinfection of the helmets for the dive:

the oro-nasal mask and inner parts of helmets must be disinfected after each use with the appropriate procedure provided for in paragraph 5. of this document.

The rags used to clean the inner of the helmet will be collected in a plastic bag to bring it out from the plant at the end of the turn-on training in the bell.

It makes mandatory the disinfection of bunks, toilets, benches, and the surfaces of desks, in each room of the plant, both before it is used for the specific training than at its end. The rags must be used once and then collected in plastic bags. The latter must be sanitized before and after each use. The cleaning activities must be recorded and the records must be retained. The briefing pre-training and information should emphasize the need to apply all the protocols of disinfection and good personal hygiene. The posters on how to wash the hands should be laminated and inserted even in the interlock room (where the toilets are).

Considerations on the saturation systems, Unit of environmental control (ECU): the condensation of the environmental control system should not present a risk of infection from COVID-19. However, they should be put in place measures to collect it in a container, preventing splashes, sprays, or aerosols. During the period of the pandemic, until it is past the high risk of viral infection, the



saturation systems must be managed as a set of individual separate rooms, for as long as possible. The objective is to prevent the spread of the virus throughout the system if the virus were to be introduced accidentally. This means that, where possible, each room should have its ECU separate from the others.

Gas recovery system: Although there is no evidence that the coronavirus is transmitted in the air, and therefore should not contaminate the diver or the system of gas recovery, it is recommended not to use the gas recovery systems in the absence of a secondary barrier constituted by the filtering system. Gas recovery system on the market, ensure the filtration of particles down to 0.01 micron. The SARS-CoV-2 has a size of about 0,05 - 0,20 micron and then should be trapped inside the filter.

It is therefore important to verify the technical characteristics of the filters for any system of gas recovery and ensure compliance with the recommendations of the manufacturer regarding the replacement. If the filtration was inadequate, it is necessary to take the breathing in open-circuit and discharge the gas of the system in a safe place.





## **12) HOW TO HANDLE ANY FIRST AID AND CPR**

Standards useful to intervene, protecting both victims and rescuers from potential infection:

Wear all the Individual Protection Devices and use every barrier available (latex gloves, sterile disposable, sterile barrier disposable to do ventilation, protection devices for the eyes). Assess consciousness by shaking or by stimulating the victim without getting close to his face. Evaluate the breath through the single observation of the movements of the chest, avoiding to pull the face to that of the person to be rescued. If the victim is unconscious and not breathing, alert the 112/118 describing the situation and start CPR with mandatory use of PPE above mentioned. Continue the rescue maneuvers until the victim has resumed breathing normally, or until it is exhausted, or until the arrival of Emergency Medical Services. Once concluded the activities of rescue, properly remove PPE and dispose of them according to the specific local directions. Wash with extreme care for hands. Medical devices used on the victim must be sanitized after use, if possible, or wasted in agree with the correct procedures.



Public Health  
England

# Advice on the coronavirus for places of education

## How serious is the coronavirus?

- it can cause flu-like symptoms, including fever, cough & difficulty breathing.
- the infection is not serious for most people, including children
- there is currently no vaccine
- most people get better with enough rest, water to drink and medicine for pain

## How likely are you to catch the virus?

- you can only catch it if you have been close to a person who has the virus
- the chance of being in contact with the virus is currently low in the UK
- if you have travelled to areas where many people are infected, your chance of catching the virus is higher, i.e. China and any affected areas

## How can you stop coronaviruses spreading?

### If you need to cough or sneeze



Catch it  
with a tissue



Bin it



Kill it  
by washing  
your hands with  
soap & water or  
hand sanitiser

### You should wash hands with soap & water or hand sanitiser



After breaks  
& sport  
activities



Before  
cooking  
& eating



SCHOOL  
ETC.  
On arrival at  
any childcare  
or educational  
setting



After using  
the toilet



Before  
leaving  
home



Try not to touch your  
eyes, nose, and mouth  
with unwashed hands



Do not share items that come  
into contact with your mouth  
such as cups & bottles



If unwell do not share items  
such as bedding, dishes,  
pencils & towels



Stop germs spreading with our e-Bug resources on hand and respiratory hygiene lesson plans  
for KS1, 2 and 3: [campaignresources.phe.gov.uk/schools](https://campaignresources.phe.gov.uk/schools)

## What should you do if you feel unwell?

Keep away from others and stay at home to stop the infection spreading. Avoid public transport if you think you have symptoms of coronavirus. If you become unwell at a place of education, tell a member of staff and let them know if you have travelled to any other countries in the last 14 days.

If your staff member or parent thinks you have symptoms of coronavirus, they should call **NHS 111** for advice. Follow the UK Government advice for childcare or educational settings [gov.uk/government/publications/guidance-to-educational-settings-about-covid-19](https://gov.uk/government/publications/guidance-to-educational-settings-about-covid-19). Parents can visit **NHS.UK** to find out more information. Teachers and support staff should follow the UK Government advice.

Staff, students and pupils who have returned from Iran, specific lockdown areas in northern Italy, special care zones in South Korea or Hubei province China (returned in the past 14 days) should self isolate, and NOT attend education or work for 14 days.

See **NHS.UK** for advice on coronavirus.

If there is an emergency, call 999 immediately



# Stop coronavirus spreading and stay safe



Wash hands for 20 seconds with soap and hot water or use a hand sanitiser



Use a tissue for cough and sneezes



If you don't have a tissue use your sleeve



Avoid touching your eyes, nose and mouth with unwashed hands



Avoid close contact with people who are unwell



If you have a new continuous cough or high temperature you should isolate yourself for seven days



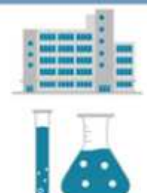
If unwell, isolate yourself and your family



If your symptoms get worse or are no better after seven days seek medical advice



Ring 111 if you are in the UK, do NOT go to a GP surgery, pharmacy or hospital



You may be tested for the virus at a hospital



Public gatherings of more than 2 people are banned, excluding people you live with



Don't visit other people's houses or socialise outside your home



If you are not a key worker you must stay at home



Only leave home for essential shopping, medical needs and exercise once a day



If you are a key worker you can travel to and from your place of work



Stay 2m away from other people - but DO keep in touch



Police will be able to fine you if you don't follow the rules

Further information and advice is available from NHS 111, including an online symptom checker at [nhs.uk](https://www.nhs.uk)





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Have collaborated on the definition of "Operational Procedures on the prevention and reduction of risk COVID-19, during the practical exercises outdoors, in the courses of Professional Training in the field of engineering underwater"

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## Thanksgivings:

