



MoM – Mine / Miniera Olgiate Molgora Code of Conduct and General Rules for Diving

In full Accordance with all applicable laws in Italy and Europe regarding Diving and Mine Diving and the relevant Diving and Mine Diving standards.

Booking and registration:

Booking a dive for individuals as well as groups should be done by email sent to: info@Dive-MoM.com. No other booking is valid. **Bookings without pre-payment (50%) are not bookings and cannot be guaranteed.**

Mandatory certificates for each diver:



- Solid proof of valid cave/mine diving certification (cave and full cave according to dive profile) from worldwide recognized training agency (RSTC, NSS-CDS, NACD, CMAS – others will be verified prior to diving).
- Solid proof of all the necessary additional diving certifications for the specific dive from worldwide recognized training agency: Nitrox, CCR, Dry Suit, DPV etc...
- Solid proof of cave/mine diving experience (logbook)
- A valid medical certificate from a physician
- Solid proof of valid cave/mine diving insurance from worldwide recognized diving insurance company (DAN, Dive Assure, etc...)

Additional mandatory documents for each diver:

- Present and sign a dive plan (including rescue plan),
- Sign liability release / discharge of responsibility
- Accept and sign the general rules/code of conduct of the MoM.

Mandatory equipment for each diver:

- Powerful, technical fins,
 - Main mask & backup Mask,
 - Adapted hood (6mm minimum),
 - Dry Suit (shell or neoprene),
 - Dry gloves are highly recommended, neoprene gloves above 6mm thickness are allowed,
 - Wing with suitable volume for the tanks' weight (minimum 20l),
 - Twinset with manifold system, with a minimum of 4000l breathing gas, or CE certified, not modified, CCR suitable for cave diving with the right configuration,
 - For twinset use, 2 separate first and second stage, 210cm long hose for main and a manual pressure gauge.
 - 1 computer suitable for the dive but minimum NITROX diving computer, with a memory which is accessible or downloadable after the dive,
 - 1 depth gauge, bottom timer or backup computer,
 - 1 Main Light, which works at least 1,5 times the planned dive time and the minimum power 25W (halogen) or equivalent,
- Helmet mounted lights and used are main lights are not allowed. They blind other divers, make any communication very difficult or even impossible and therefore endanger everyone's safety.**
- 2 separate backup lights,
 - 2 finger spools with a minimum of 20m line,
 - 2 cutting devices (line cutter only, **no knife, no scissors...**),
 - Wetnotes,
 - Helmet is highly recommended,



The use of any kind of high-pressure beacon (transmitter) or mechanical quick-connect pressure gauge is not allowed in the MoM Mine..

Stage cylinders and bailouts:

Minimum 40-cuft capacity, with a first stage and second stage, separate pressure gauge and a rigging that can be cut. Every single cylinder needs to be analyzed and the measured value must be written onto the cylinder together with the MOD of the analyzed gas. Every cylinder must have a clearly visible identifier. Every diver, before diving, must declare that his/her equipment is reliable, in good condition, properly maintained and safe to use. If you dive with our rental equipment, you must check the condition of the diving gear (before the dive). Marking your equipment is mandatory to avoid mixing up the equipment. The usage of own cylinders is allowed if they have valid pressure (hydrostatic) test.

Filling:

We are filling cylinders only with a valid pressure (hydrostatic) test. We have Air, Nitrox, O2 and Trimix available. We exclusively fill oxygen clean cylinders with O2, Nitrox or TMX. We do not fill fully emptied tanks, there must be a minimum gas left to analyze prior to any filling.

Diver Propulsion Vehicles (DPV):

Using DPV in the cave is only available if you own a certification for it and you have the required experience. The MoM Mine staff decides if you can use DPV for the current dive or not, or he can make it as a specification of a given dive. The MoM Mine staff decides what equipment and configuration can be used for the dive if using DPV. For advanced dives, a back up scooter is made mandatory.

Special requirements for CCR dives:

They diver needs to provide a valid certification for the specific CCR in addition to the Mine diver Certification. For CCR diving, you must have a minimum of 50 certified open water dives on the CCR you like to use for the dive. Each diver must carry enough open-circuit bailout gas to safely coming out from the planned turning point with all the required decompression stops. During CCR and OC mixed gas diving the diving buddies must be informed / warned about the emergency solutions.

Side Mount diving in the cave:

The side mount configuration is highly popular, but, as every diving equipment configuration, it has advantages and disadvantages as well. In some mines the side mount is the best (or the only) choice. In MoM Mine there are deep and wide galleries, and the side mount configuration is not required. Of course, SM Divers are highly welcome. Please be aware that you need a side mount certification and proper CE approved equipment as well.

Guided Group:

Only Guided dives are available in the mine. All the first dives (1 and 2) are guided dives. We then decide together and depending on the actual diving level if the following ones are or not. The MoM team is the sole decision maker in this area.

The level of the least qualified diver in the group is the level of the whole group.

The maximum size of a group is 5 persons (incl. guide). In case of 1 Guide + 1 Assistant at the end of the group, the maximum size of the group is 7 persons (incl. Guide and Assistant).



Breathing Gases:

All breathing gases must be analyzed before every dive. Every diver must do this on his own and record the result. For mixed gas diving, the partial pressure of the oxygen cannot be less than 0.16bar and cannot exceed 1.6bar. If the gas is not used as a decompression gas, the maximum oxygen partial pressure must not exceed 1.4bar. During mixed gas diving you must strictly observe the oxygen exposure limits belonging to the oxygen partial pressure which are in the nationally accepted tables. During mixed gas diving the partial pressure of the nitrogen cannot exceed 4.0bar and the recommended helium partial pressure is 10.0bar.

Environmental Protection:

MoM cave is an important and strictly protected national and regional treasure.

The divers should be extremely cautious during diving, showing proper techniques and behavior and doing the lowest possible impact to protect the environment, flora and fauna and preserve its original condition.

It is strictly forbidden to take anything out from the cave, and all divers should strive for "contactless" diving. Water is a limited resource. It is needed for all living things and must be managed well to ensure we have enough for our needs and to protect our environment. Water is a precious resource to preserve.

Bats here are a unique feature in Europe. At about 3-400 meters from the entrance of the MoM, you can find hanging specimens of *Myotis Capaccini* and *Myotis Nattereri*: the singularity of the colony is in the fact that these are two species at serious risk of extinction and that they are on the list of the Annex of the IV Directive 92/43 / EEC concerning the conservation of natural and semi-natural habitats of wild flora and fauna.

Parking:

Every guest can park in the courtyard at the cave only while they are unloading/loading the diving Equipment from the car. Time is limited to 30 minutes.

During diving, only a limited number of MoM Mine Staff members and Emergency cars can park in the courtyard.

There are many parking lots outside the diving center, but parking fees can apply (depending on day and time).

We cannot be held responsible for any damages on the cars which park in the courtyard during unloading/loading as well as in other parking spots around the mine during the diving..

Food and drinking:

We provide unlimited, free drinking water for our guests in the dive center.

Eating is limited to restricted areas and it is not allowed to bring in food from external places.

Near the diving center, there are restaurants, stores and coffee shops that are easily accessible by a few minutes walking.

Smoking:

Smoking (including electronic devices) is strictly forbidden in the whole MoM area prior to and after the dive.

Failure to comply with these rules will lead to lifetime expulsion.



Reminder of divers' prerogatives:

CAVERN – Cave level 1

- limited cavern penetration dives within the limits of light penetration,
- penetration is limited to the "rule of thirds," OR 1/6th if using doubles,
- depths shallower than 40 meters,
- penetration is limited to maximum fifty (50) linear meters from the surface
- no decompression, safety stops as appropriate or necessary,
- navigation limited to simple, single-line linear patterns,
- no restrictions or areas that are too small for 2 divers to swim side by side,
- specialized cavern diving equipment and procedures,
- Twin, Sidemount, SCR, or CCR

CAVE - INTRO TO CAVE – Cave level 2

- penetration is limited to the "rule of thirds," OR 1/6th if using doubles,
- depths less than 40 meters,
- no decompression, safety stops as appropriate or necessary,
- a maximum of one tee or jump may be passed.
- no restrictions or areas that are too small for 2 divers to swim side by side,
- using specialized cave diving equipment and procedures,
- Twin, Sidemount, SCR, or CCR,

FULL CAVE – Cave Level 3

- cave penetration dives using the Rule of Thirds concept of gas management,
- depths within the diver's current certification,
- safety and decompression stops as appropriate or necessary (according to training level)
- using specialized cave diving equipment and procedures,
- Twin, Sidemount, SCR, or CCR