



## GENERAL RULES

Valid from: 08.08.2016

In Accordance with applicable law in Hungary and the MBSZ (Hungarian Divers' Federation) Diving Standards and Cave Diving Standards.

### Booking and registration:

To book a dive in the Molnar Janos cave you must write to the [info@mjcave.hu](mailto:info@mjcave.hu) e-mail address as we are the only licensed diving centre in the cave. We are not responsible for bookings at any other sites or persons.

### Mandatory certificates:

All divers need to provide the following certificates:

- Valid medical certification from a physician
- Valid cave diving insurance (eg. DAN Sport Silver, Pro Bronze, etc.)
- All the necessary diving certification for the specific dive (Cave, Nitrox, CCR, Dry Suit, DPV etc.)

Before diving all participants need to sign a dive plan, rescue plan and must accept the general rules of the Molnar Janos Cave.

### Mandatory equipment:

- Fins
- Mask & backup Mask
- Hood
- Diving Suit that provides adequate protection against the cold. Wet suites can be used in Zone 1 only! All other zones are Dry Suit areas only. To use a Dry Suit you need to have a certification for it.
- Wing suitable for the tanks' weight, but at minimum 20l.
- Doubles with manifold system, minimum 4000l breathing gas, or CCR suitable for cave diving with the right configuration and certification.
- 2 separate first and second stage, 210cm long hose 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 with this.
- 2 separate backup lights
- 2 finger spools minimum 20m
- 2 cutting devices (line cutter, knife, scissor)
- Wetnotes

Use of any kind of high-pressure beacon (transmitter) or mechanical quick-connect pressure gauge are not allowed.

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## **Stage cylinders and Twins:**

Minimum 40-cuft capacity, with a first stage and second stage, separate pressure gauge and a rigging that can be cut. Every cylinder needs to be analysed and the measured value must be written onto the cylinder together with the MOD of the analysed 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 have to check about 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.** Air, Nitrox, O2 and Trimix is available at us. **We exclusively fill oxygen clean cylinders with O2, Nitrox or TMX!**

## **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 Guide 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 guide decides what equipment and configuration can be used for the dive if using DPV.

## **Special requirements for CCR dives:**

They diver needs to provide a valid certification for the specific CCR in addition to the cave 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 configurations, it has advantages and disadvantages as well. In some caves the side mount is the best (or the only) choice. In Molnar Janos there are deep and wide tunnels 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.

## **Only Guided dives are available in the cave!**

## **Guided Group:**

The maximum size of a group is 5 persons (incl. guide). In case of one Guide + one 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 analysed 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.

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## **Environmental Protection:**

Molnar Janos cave is a highly important and strictly protected natural treasure. The divers should be particularly cautious during dives, should take care of their actions and try to do the lowest possible impact to protect the natural environment, flora and fauna and preserve its original condition. It is forbidden to take anything out from the cave, and all divers should strive for "contactless" diving.

## **Parking:**

Every guests can park in the courtyard at the cave while they are unload the diving Equipment from the car. During diving, only a limited number of cars can park in the courtyard. We cannot held responsible for any damages on the cars which park in the courtyard. There are many parking lots outside the diving centre, but parking fees can apply (depending on day and time, please ask for advice).

## **Food and drinking:**

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

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