

## Diving Conditions of Hraničná Mine

### Each Diver Must Meet the Following Requirements

- A valid medical examination signed by a physician.
- Valid insurance covering cave diving (e.g. **DAN Silver Sport, Pro Bronze, Pro Silver**).
- A valid license concerning the respective diving (e.g. if you use Trimix - a Trimix Card is required).
- A signed dive plan, rescue plan. They shall be signed on site.
- It is necessary to comply with the cave guidelines.

### Comprehensive Dive Packing List

- Fins;
- Mask - a replacement mask;
- Hood
- Wings with a minimum volume of 20 litres;
- Twin manifold, at least 4000 litres of breathing gas or CCR appropriate for the cave environment meeting the proper configuration;
- 2 separate first stages and second stages, a hose of a length of 210 cm; one of the first stages must be equipped with a manometer;
- 1 dive computer;
- 1 reserve depth gauge;
- 1 main light with a minimum power of 25 W (halogen) lasting at least 1.5 times more than the planned dive time or a comparable one;
- 2 separate backup lamps;
- 2 coil of at least 20 m;
- **2 cutting tools (knife, scissors, easy cut);**
- Wet notes.

### Stage

- Minimum 40 CUFT, 1 first and 1-second stage, pressure gauge, cut-off harness.
- Each tank shall be analysed and the analysis result shall be visibly marked on the tank.
- On each tank, the maximum depth for the gas and the owner's identification mark shall be written.
- You are responsible for checking borrowed diving equipment. Writing your name on the equipment is necessary to prevent a confusion of equipment.

### DPV Underwater Scooters

- You may only use DPV in a cave if you have a DPV certification.
- In addition to the cave certification, you must have a valid CCR or CCR certification, and at least 50 dives with the respective CCR or SCR.
- At the same time, you are required to have enough "bailout" gas to use it for the return from the turning point, including proper decompression.

## **Gases**

- You must analyse the breathing gases before each dive. Each diver shall analyse the gases and record the analysis result on the spot.
- For the blend, the oxygen fraction shall be between 0.16 bar and 1.6 bar except for decompression gas, a maximum of 1.4 bar of oxygen is planned.
- You must not exceed the maximum oxygen allowable exposure limit according to nationally recognized tables.
- The nitrogen partial pressure must not exceed 4 bar.
- The recommended helium partial pressure is 10.0 bar.
- The operator of the diving site shall submit the Gas Analysis Records upon request.

## **Diving Prices**

40/1000

EUR/CZK diver/day

The minimum price is EUR/CZK 240/6000 for one diving tour at the Hraničná mine.

**During the entire stay in the mine, each participant is obliged to comply with the health and safety rules he/she agrees with and signs before entering the mine.**

**In Krnov  
On 15. 11. 2018**

**Jan Pokorný  
Chairman of the Association  
Rychlebská báňsko-historická společnost z.s.**