



European Commission

Directorate General for Humanitarian Aid and Civil Protection

ECHO A5, Civil Protection Policy Unit

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Action C.1: Equipment standard for safe entering and self-dependent work in the caves

This is a list of required equipment for Cave Rescue Unit working in the frame of EU Proteus project. List of the equipment was done on the experiences of cave rescue instructors of Cave Rescue Service of Slovenia and HGSS Cave-rescue commission.

The following equipment is required for each participant:

- Caving suit and appropriate undergarment
- Protective gloves
- Rigid boots covering the ankles
- Helmet (must conform EN 12492)
- Lamps – two separate source of light. Acetylene generator recommended.
- Seat and chest harness (must conform EN 12277)
- The seat harness Mallion (must conform EN 12275 with breaking strength of minimum 25 kN)
- 2 Cowstails made from dynamic rope 9-10,5 mm with 1 carabiner each, recommended without locking gate hinder. Stitched tape and carabiner with bent gate will not be accepted
- Descender with additional braking carabiner, preferably steel one.

Rack should not be used

- Chest ascender (must conform EN 567). Gips should not be used
- Upper ascender (preferably without handle) (must conform EN 567)
- Footloop, recommended from 5 mm Dyneema cord and spectra footloop
- 3 additional locking carabiners
- Spanner 13 mm
- Aluminium foil
- Small first aid kit

Recommended equipment (not required)

- Foot ascender
- Hook



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Participants of all trainings must have with them the above listed personal equipment. If not, the organizers of the training will not accept them due to safety and compatibility reasons.

Depala vas, 2.8.2012

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