

	SAFE WORK PROCEDURE	
Review: 0	UNDERGROUND MINING	
Validity: 29/09/20		Page 2 of 4

4. GENERAL CHARACTERISTICS OF THE PERSONAL PROTECTION ELEMENTS

Personal protective equipment is property of the company, like any machine or tool. The company provides the personal protective equipment to workers exposed to risks to protect their health during work.

- Protectors do not eliminate risk, they only reduce it. That is why it is essential that workers maintain a preventive attitude and use them in a correct and timely manner.
- Protectors provide safety, not comfort. For this reason it is very important that workers accept them, commit themselves to the proper use, and take responsibility of their own safety. Protectors are specific, there is a variety of each type for certain risks. This feature is very important when selecting, purchasing, distributing and using protectors.
- The duration of the protection elements depend on it's use and working conditions. Considering this, workers must take care of their protectors, using them correctly and putting them away when not in use.
- The use, cleaning and maintenance of each protector must be carried out according to the manufacturer's instructions.
- Personal protective equipment is for individual use.
- No personal protection element should be altered, pierced, cut, painted or cleaned with solvents.
- Gas detectors must be calibrated and periodically reviewed according to the manufacturer's specifications.

5. PERSONAL PROTECTION EQUIPMENT

Work clothing should have reflective tapes, be in good condition, and slightly fitted. It should not have any loose or hanging parts. Nor can it be impregnated with chemical, combustible or flammable substances.

In mining, the safety helmet identified as class A, Type II is usually used. This helmet protects against impacts, rain, flames and splashes of igneous substances. This helmet also has certain dielectric conditions.

After the impact resistance test, it must withstand:

- 15,000 volts. with a maximum leakage of 8mA.
- Up to 20,000 volts. without dielectric breaking.
- This protector must have a lamp holder, cord holder and chinstrap.
- The helmet must be used in such a way as to provide maximum protection against impacts.
- Suspension must be adjusted to the size of the head.
- The chinstrap should also fit snug and comfortable.
- It must be well placed. It is not appropriate to wear it with the visor on the back or tilted.
- Only mild soap and water should be used to clean it.

<i>Made by:</i>	<i>Reviewed by:</i>	<i>Approved by:</i>