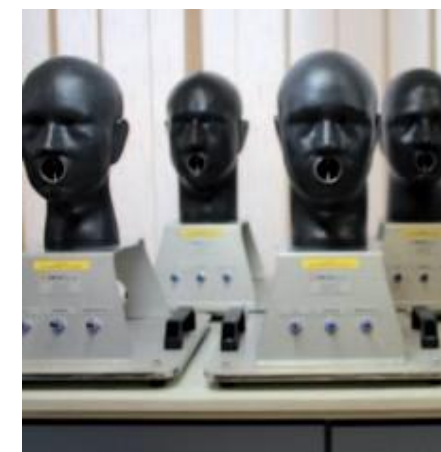




## Offer of the Laboratory for Testing and Evaluation of Equipment of the Central Mine Rescue Station S.A.



Central Mine Rescue Station S.A.

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**Equipment Testing and Evaluation Laboratory** holds an accreditation certificate for a testing laboratory (AB 321) issued by the Polish Center for Accreditation and operates in accordance with an implemented management system, meeting the requirements of PN-EN ISO/IEC 17025:2018-02.

IN THE ACCREDITATION OF PCA No. AB 321

**The laboratory performs tests on respiratory protective equipment**

- regenerative apparatuses with compressed oxygen or a mixture of compressed oxygen with nitrogen, in accordance with the requirements of PN-EN 145:2000,
- Escape regenerative apparatuses, in accordance with the requirements of PN-EN 13794:2005 standard,
- compressed air cylinder air apparatus, in accordance with the requirements of PN-EN 137:2008.

BEYOND THE SCOPE OF ACREDITATION

**Among other things, the lab offers:**

- testing of escape cylinder air apparatus, in accordance with the requirements of PN-EN 402:2005,
- performance testing of fresh air hose apparatus, according to the requirements of PN-EN 138:1997,
- performance testing of compressed air hose apparatus, in accordance with the requirements of PN-EN 14594:2018,
- research on mining nave lamps,
- evaluation with the issuance of opinions for rescue equipment,
- testing resistance to preset environmental conditions (temperature, humidity) in climate chambers.

We are equipped with a large-size climate chamber with an internal working space of 14 m<sup>3</sup> and an operating temperature range of -20°C to +65°C, and a climate chamber with an internal working space of 600 dm<sup>3</sup> and an operating temperature range of from -40°C to +100°C.

**The laboratory conducts research and field tests:**

- in the underground workings of DMRS S.A.,
- in the exercise chamber of the District Mine Rescue Station in Bytom, which is a field branch of DMRS S.A,
- in the underground workings of the Mining Plants, taking into account each time the needs and requirements for carrying out the tests.

**We offer cooperation in the development of new solutions for emergency devices and equipment in the field:**

- respiratory protection equipment,
- rescue communication systems,
- first aid equipment,
- devices for locating people in heart attacks,
- other equipment and systems to support rescue work.

**Contact person:**

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