NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN MINE SAFETY AND PROTECTION TO EXPLOSION INCD INSEMEX PETROSANI

REGULATION FOR ROMANIAN MINING RESCUE TEAMS INTERVENTION

Artur George GAMAN - PhD. Eng - General Manager
INCD INSEMEX Petroșani, Romania

Constantin LUPU - PhD. Eng – Scientific Manager
INCD INSEMEX Petroșani, Romania

Daniel PUPAZAN - PhD. Eng – Head of Department for Industrial Safety
INCD INSEMEX Petroșani, Romania
Within the mining industry, the rescue activity is ensured by own rescue stations for each underground mine, by central mine rescue stations or by assistance agreement.
The Regulation for Rescue and Intervention comprises the following chapters:
1. Management of rescue and fault liquidation actions
2. Manner of underground rescuers intervention
3. Damaged area investigation
4. Combustions and mine fires liquidation
5. Liquidation of gas and/or coal dust explosions consequences
6. Liquidation of damages consequences caused by cavings occurred in mine workings
7. Liquidation of consequences caused by the flooding of mine workings
8. Liquidation of damages consequences caused by gas eruptions and shredded material
9. Intervention of rescuers in high temperature and humidity conditions, or in areas with negative temperatures
10. *Surface and underground rescue bases*
CONCLUSIONS

The regulation:

- Aims to provide specialists in the field with a modern and efficient tool for managing crisis situations induced by the occurrence of major accidents in the underground mining industry.

- Details the rescue manner regarding the actions performed by mine rescuers while working underground for liquidating damages and/or for evacuating persons trapped in the affected areas.

- Is applied for all economic agents performing underground activity, and which dispose of rescue stations.
THANK YOU FOR YOUR ATTENTION