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DEVELOPMENT AND IMPLEMENTATION OF AN EXPERT SYSTEM FOR THE MANAGEMENT OF CRISIS EVENTS IN MINING INDUSTRY

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Abstract

Considering the expertise gained by the experts of INCD INSEMEX Petroșani in the organization and coordination of mine rescue operations based on an well-determined processing algorithm, it is possible to develop a modern and efficient tool for the management of emergency situations due to major accidents in the underground mining industry in order to diminish the period of time necessary to take good decisions in case of need. The paper presents this software in detail on a strict chronological order, as well the stages necessary to be considered by the members of the commandment in order to safely remove the effects of major accidents and provides, whenever necessary, lists with the specific objectives that have to be touched during certain stages.

Key words: crisis events, informatic system, rescue teams

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