



Scientific Decomposition of Influence Factors of Charcoal Miner Reliance Treatment

Dejan Vidmar^{1,*}, Avgust Zupančič¹

¹*University of Ljubljana, faculty of natural sciences and engineering,
1000 Ljubljana, Slovenia
dejan.vidmar@uni-lj.si*

Received: 24 September 2011; Accepted: 27 October 2011

Abstract

Coal miners' safety behavior management poses a direct role in safe production in coal mine industry. Statistics indicated that accidents occurred are mostly concerned with coal miners' unsafe behavior. Relevant cases in Collection of Expert Review of Coal Accidents in China show that 55.37% of all major accidents are caused by violation of coal mine regulations and laws. 300 typical cases of coal mine accidents collected by the author of the paper were thoroughly analyzed. Factors causing the accidents can be classified into the followings; management deficiency, coal miner's operation violation, mechanical failure, bad natural condition, poor suppression, illegal exploitation, coal miner's lack of safety skills, insufficient.

Keywords: Scientific decomposition; Influence factors; Miner reliance treatment