

ABSTRACT

CV Jati Kencana is a mining company engaged in the mining business of Andesite Stone located in Gembongan Village, Ungaran District, Semarang Regency, Central Java Province with an area of IUP of 5.6 Ha. The mining method used in CV Jati Kencana is quarry.

CV Jati Kencana in mining activities carried out breaking, loading and transportation activities. One effort to protect workers against potential hazards that can be caused is through the planning of programs K3 one of which is identifying hazards and risk assessment.

The study was conducted to identify hazards that exist in mining activities, control efforts and risk assessment, and evaluate and implement occupational safety and health programs in andesite mining activities.

After hazard identification and risk assessment, there are 23 identified hazards identified from breaking, loading and transport activities. In breaking activities with an average level of hazards 6 is moderate. In transportation activities with an average level of hazards 5 is moderate. In transportation activities with an average level of hazards 9 is moderate.

The control effort is to increase the awareness of workers to use APD, conduct activities in accordance with the established SOP, and carry out safety talk activities before conducting mining activities. Because usually the potential danger is caused by unsafe actions and unsafe conditions.