

Abstract

Identification of hazards and risks is an effort to reduce the number of work accidents in the company or industry, one of the companies that has a work accident problem is PD. Galih the Great Universe. This is due to the lack of awareness of K3 and the company does not yet have SOPs related to occupational safety and health. The problem of work accidents in PD. Galih Semesta Agung, namely the lack of awareness of the importance of K3 in a company. in the last 5 years there were 115 cases of work accidents that occurred in PD. Galih Semesta Agung, this is the reference for doing this research. The purpose of the study is to identify the hazards and risks found and provide suggestions for improvement. The method used in this research is the Hazard and Operability Study or Hazop and Checklist Analysis to identify the source of the hazard and the risk posed. The results of the study found that 6 sources of danger were found in the production of charcoal, 6 sources of danger in the production of skewers with each level of risk 80% high level representing a source of danger with high risk, 10% level extreme source of danger with extreme risk and 10% level low risk of low risk for charcoal making and 73% of high level of high risk of danger, 18% risk of extreme level of danger and 9% risk of moderate or moderate level of danger for making skewers.

Keywords: K3, hazop, checklist analysis, risk level