

## **ABSTRACTION**

*Occupational Health and Safety (K3) is a program created both employees and employers in an effort to prevent occupational accidents by identifying the potential to cause accidents and occupational diseases as well as anticipatory measures in case of accidents and occupational diseases. The goal is to create a safe workplace and healthy so that it can suppress the lowest possible risk of accidents and diseases. This situation will impact on the performance of the company.*

*Occupational safety and health issues in general in PT. BERDIKARI METAL ENGINEERING still need attention. Data accidents that never happened either mild or eksrim indicate that workplace accidents have occurred in the year 2013-2015 in perusahaan in the manufacture of car or motorcycle spare parts. The changing times which is very advanced and the development of the world of work today has been very concerned about the health and safety where it is most necessary to be noticed by the company on safety work.*

*Accident prevention is vital in a company which, if ignored would result in human losses and the company. The purpose of this observation is to determine the potential dangers that exist in the production area PT.Berdikari Metal Engineering where the purpose to help the company by providing a proposal to improve the health and safety so as to increase productivity in the work.*

*The method used in compiling the final report are hazard and operability (HAZOP) as a systematic safety study, based on a systemic approach towards the assessment of safety and the operation of complex equipment, or the production process. The aim is to identify possible hazards that arise in facilities management at the company and eliminate a major source of accidents, such as toxic releases, explosions and fires.*

*From the observation get some overview of the potential dangers of processed selajutnya generate some feedback relating to the attitude of the workers and the use of personal protective equipment that is not used properly while working. Companies should give special attention to the workers to be more disciplined again in the attitude to work and use of Personal Protective Equipment (PPE) properly. Obviously if a small number of work accidents can benefit themselves and benefit the company.*