

## ABSTRACT

*Occupational safety is the most important thing to preventing an accidents. Occupational safety which is related to labor safety is one of the most important points of work. Occupational safety will provide safety and comfort in work so it will helpful for working and management relationships.*

*Occupational safety and health issues in PT. NIKKATSU ELECTRIC WORK still needs attention. The occupational accident data that ever happened which in both light and high show that accidents have occurred in the year of 2015 in the company when making a transformers. The world evolution about work now is very concerned about safety and health work where it's necessary to be noticed by the company for the safety of it's work.*

*The prevention of accidents in the workplace is a thing that should take precedence by the company which if neglected will affect the company and workers . The purpose of this observation is for the prevention of occupational injuries in the production area of PT.Nikkatsu Electric Work where the purpose is to assist the company by providing an experience in improving safety and health in their work activities.*

*Research method that author used is Hazard Identification, Risk Assessment and Risk Management (HIRARC) as a systematic safety study, this method aims to identify the potential hazard risks that exist within one organization or company by study of risk assessment of the existing hazards, then carried out the risk control in order to minimize the level of potential accidents.*

*Based on the author results, there are many hours of work has lost and more potential of hazards and accidents such as work abounded, fell, cut hands and others. Besides that, the worker attitudes such as the use of personal protective equipment (PPE) that is not used properly when working and physical working environment such as lack of facilities provided by the company and less ergonomisnya operator desk. The company should pay more attention to the workers to be more disciplined in their attitude of work and using the Personal Protective Equipment (PPE) properly and correctly. If the number of work accidents decreased it can be profit for ourself and the company.*