

## **ABSTRACT**

*PT. Elemenindo Beton Perkasa is a company that produces a wide variety of purposes such as concrete walls, floors, railings and others. The company has sought to implement health and safety (K3) improvise by providing PPE (personal protective equipment) without the presence of management systems that support. Therefore, there are accidents that occur on this company. In this study will be designed procedures to reduce workplace accidents that occur in the PT. Elemenindo Beton Perkasa based integration requirements of OHSAS 18001: 2007 by the Government Regulation No. 50 of 2012. The design is a result of HIRARC, which is a method where the entire activity of the company identified potential hazards, assessed how much impact the dangers to then determined how to control.*

*Results of the controls needed to be adapted to the requirements of integration OHSAS 18001: 2007 and Government Regulation No. 50 of 2012, as the fulfillment of the requirements of OHSAS 18001: 2007 that the company must implement and make the related procedures management system of health and safety. This dilakukan after conducting an analysis of the activities that have a high hazard potential as well as its requirements. The next stage will be the verification stage prior to the company whether the procedure is appropriate and able to reduce the number of accidents. Results of this research is the design of related procedures of training, procedures of communication, participation and consultation as well as the installation of safety warning signs.*

**Keywords—** HIRARC, OHSAS 18001:2007, K3, Work Accident, Procedure