

## **ABSTRACT**

PT Inspiro Maha Karya is a company engaged in the manufacture of synthetic rattan with various designs. The company has the stages of the production process that need to be done to produce the finished product. In the PT Inspiro work environment that has the potential to cause work accidents for workers on the production floor, interviews were conducted to determine the level of implementation of SMK3 in the company with reference to Government Regulation No. 50 of 2012 which regulates the implementation of SMK3. The company has not implemented SMK3 because there are eight gaps in the company. The gaps obtained will be developed to become the root of the problem in alternative solutions. The chosen alternative solution is the OHS assessment process, because the OHS assessment process is the main basis for the SMK3 to run well. So, the purpose of this final project is to design an OHS assessment process at PT Inspiro. The method used in this final project is the design thinking method because this method can design new business processes that did not exist before and are oriented to company needs. The results of the design of the OHS assessment process at PT Inspiro are business processes and details of activities or work instructions at each stage. The results of the design are in accordance with the needs of the company by validating the results of the design with the company. Meanwhile, the benefits of the resulting assessment process design can be used in implementation at PT Inspiro Maha Karya and can help prevent and reduce potential risks or work accidents.

***Keywords: SMK3, Assessment Process, Design Thinking***