

## **ABSTRACT**

*PT XYZ is a manufacturing company that produces various product categories, ranging from food and beverages, health supplements, traditional medicine, and pharmaceuticals. However, despite having several important certifications, the implementation of the Occupational Health and Safety Management System (SMK3) in this company has not been optimal. This can be seen from the high risk of occupational accidents that occur at PT XYZ, which is largely due to the lack of worker awareness of the importance of safety practices and non-compliance in the use of Personal Protective Equipment (PPE) as well as poorly structured OHS management. Therefore, this study aims to design and improve the OHS Management Standard Operating Procedure (SOP) to meet the requirements of ISO 45001: 2018 Clause 6.1 and PP No. 50 of 2012 in five departments, namely the Production Department, Engineering Department, PPIC/Warehouse Department, Quality Control (QC) Department, Research & Development (R&D) Department.*

*The method used in this research is Business Process Improvement (BPI) to design a structured OHS Management SOP. This method was chosen because it is able to make improvements to existing business processes to be more effective. The OHS management design process includes plan, do, check, action which will be implemented in all departments at PT XY. The resulting SOP is expected to provide clear guidance in the implementation of well-structured OHS management.*

*The results showed that the implementation of the designed OHS Management SOP has met the ISO 45001: 2018 Clause 6.1 standard and PP No. 50 of 2012. With the implementation of this SOP, PT XYZ can make continuous improvements in terms of managing work risks, so as to reduce the number of work accidents and improve the safety and health of workers. The conclusion of this research is that the proposed SOP design can help PT XYZ build a better OHS culture and support the company's overall operations.*

**Keywords: Business Process Improvement, ISO 45001:2018 Clause 6.1, SOP, K3, K3 Management, Work Accidents**