

## **ABSTRACT**

*UPT Puskesmas Kujangsari is a service unit engaged in health services. In the service process, there are various factors that pose a health and safety risk. Therefore, the government through the minister of health issued a regulation, namely the Minister of Health Regulation no. 52 of 2018 concerning the management of SMK3 in Health Facilities. However, it was found that currently there are still 12 gaps in the implementation of SMK3 at UPT Puskesmas Kujangsari. From these gap points, several alternative solutions were developed. From all the proposed alternative solutions, an alternative solution was chosen, namely the OHS risk assessment design. So the purpose of this research is to design an OHS risk assessment mechanism in order to minimize the gap in the implementation of SMK3 at UPT Puskesmas Kujangsari.*

*The method used in the design in this research is design thinking because it can accommodate the creation of new processes and pay more attention to the needs of users or stakeholders. In the design process, primary data and secondary data are also needed. Then a design specification is developed based on the data and related standards. After the design is done, then the results of the design are validated and analyzed.*

*The results of the designs made in this study are the design of the scope of the potential for OHS hazards, the design of the OHS risk assessment team, the design of the process model and standard operating procedures, as well as the design of supporting instruments such as forms, risk matrices, and the risk control hierarchy. The results of the design are then validated to stakeholders and analysis is carried out. From these results, it was found that the design results were in accordance with the needs of the puskesmas and could be used or feasible (feasible) to be used in the puskesmas. The benefits of the design results are that it can be used as the basis for the implementation of the OHS risk assessment process at the Kujangsari Health Center UPT and can help improve the occupational health and safety management system at the Kujangsari Health Center UPT by minimizing the implementation gap.*

**Keywords: K3, SMK3, Risk Assessment, Design Thinking**