

# **ANALYSIS OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS (SMK3) IN POWER ELECTRONIC AND COMMUNICATIONS ENGINEERING WORKSHOPS IN VOCATIONAL SCHOOLS BASED ON PP NO. 50 YEAR 2012**

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## **ABSTRACT**

This study aims to determine the preparation stages for implementing the K3 Management System in the Power Electronics and Communication Engineering Workshop at the Yogyakarta State Vocational High School, to find out the implementation steps taken in implementing the K3 Management System at the Power Electronics and Communication Engineering Workshop at the Yogyakarta Vocational High School and to understand the evaluation process. Carried out on implementing the K3 Management System in the Power Electronics and Communication Engineering Workshop in Yogyakarta State Vocational School. In this research, the method used is descriptive research with a quantitative approach. The quantitative descriptive study aims to describe or explain a condition by collecting data in numbers and then analyzing it. Based on the data processing and analysis results, several conclusions can be drawn, including the preparation of an occupational safety and health management system, which is classified as in the unfavorable category because it only has a percentage of 35.95%. The SMK3 preparation variable in the Power Electronics and Communications Engineering Workshop has 2 (two) indicators, namely determination and planning indicators. The SMK3 implementation variable in the Power Electronics and Communication Engineering Workshop has 3 (three) indicators, namely indicators of capacity assurance, infrastructure, and hazard control. The K3 capability guarantee indicator in the Power Electronics and Communication Engineering Workshop has a percentage of 55%, which is included in the fairly good category. The OHS Hazard Control Indicator in the Power Electronics and Communication Engineering Workshop has a rate of 55%, which is classified as quite good. The evaluation of the occupational health and safety management system is included in the unfavorable criteria with a percentage of 33.33%.

*Kata Kunci: Occupational safety and health, electronics workshop, PP NO. 50 YEAR 2012*