

READINESS OF LABORATORY MANAGEMENT SYSTEMS DEPARTMENT OF ELECTRONIC AND INFORMATICS ENGINEERING EDUCATION BASED ON ISO/IEC 17025:2017

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ABSTRACT

This research was conducted to determine the readiness of the laboratory management system for implementing K3 majoring in electronics and informatics engineering education based on ISO/IEC 17025:2017 at the Electronic Engineering Education laboratory at the Faculty of Engineering, Yogyakarta State University. The program is implemented so that the laboratory community has experience that has the attitudes and competencies expected during practical activities in the laboratory, including the implementation of K3. For this reason, ISO/IEC 17025:2017 is needed in terms of good planning and to know all the factors to influence the implementation of K3 with the aim of carrying out work in the laboratory safely and safely. The evaluation method is the method chosen in this study and aims to evaluate the implementation of an OHS management system in accordance with the ISO/IEC 17025:2017 standard. The research entitled readiness of the laboratory management system for the implementation of K3 in the department of electronics and informatics engineering education based on ISO/IEC 17025:2017 is included in the type of evaluation research. This study uses a quantitative descriptive method by matching the facts in the field with existing standards. The process of these steps is used through a descriptive approach aimed at describing objects to produce words and numbers. The data in this study are based on the techniques and types of analysis used.

Kata Kunci: ISO/IEC 17025:2017, Laboratorium, Evaluasi kesiapan