

**THE IMPLEMENTATION OF SAFETY AND HEALTH  
MECHANICAL ENGINEERING IN AUTOMOTIVE REPAIRATION  
SMK TAMANSISWA JETIS YOYAKARTA**

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**ABSTRACT**

This study aims at determining the implementation of occupational safety and health as seen from the behavior of working practices, aspects of human security equipment and machinery, some tools and machines are prone to cause accidents, as well as measures taken relating to occupational safety and health in the workshop practice.

This study is a qualitative descriptive. The study took place in the workshop SMK Automotive Mechanic Tamansiswa Yogyakarta. The data of the study was obtained from praktikan, instructor practices, and workshop technicians as key informants, while the supporting data was collected from various documents in the workshop practice. Data collected through observation, interviews and observation. Raw data obtained is then reduced, summarized and grouped according to categories that exist that will provide an overview of research findings in narrative form. Examination of the document validity done by extending the research and triangulation.

The results revealed that: (1) implementation of occupational safety and health in the workshop SMK Automotive Mechanic Tamansiswa Yogyakarta is still lacking. This can be seen from several praktikan behaviors that endanger the safety and health, among others, praktikan not wearing protective equipment properly, some unfavorable attitude that is praktikan sitting on the desk there is even a bench praktikan who saw his partner were not using welding goggles las, praktikan using equipment and machinery not in accordance with its function, praktikan placing equipment or the workpiece is not in the proper place, (2) the state has not been adequate personal protective equipment, and some equipment needs to be increased in number as well as the necessary replacement of some equipment that no longer fit for use. The equipment eg, gloves, chest apron, safety helmet, mask pelingdung nose and mouth, and eyes of clear glass, (3) some machines that caused the accident-prone, among others: grinding machines, welding machines, and drilling machine. For that in using these machines should be emphasized again its safety aspects, (4) efforts made to prevent accidents in the workshop conducted by a variety of activities. Among them: the instructor always gives guidance on safety and health training before practice began, conducted surveillance at the practice, workplace safety posters, and do periodic machine maintenance.

***Kata kunci: Implementation of occupational safety, Several praktikan behaviors***