

**PENGETAHUAN KESEHATAN KESELAMATAN KERJA (K3)
MAHASISWA PROGRAM STUDI PENDIDIKAN TEKNIK OTOMOTIF
FAKULTAS TEKNIK UNIVERSITAS NEGERI YOGYAKARTA
TERHADAP BAHAYA KECELAKAAN DI BENGKEL LAS**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengetahuan Kesehatan Keselamatan Kerja (K3) Mahasiswa program studi pendidikan teknik otomotif fakultas teknik UNY terhadap bahaya kecelakaan di bengkel las, yang meliputi pengetahuan sikap (disiplin), pengetahuan sikap (kepedulian) pengetahuan lingkungan (keadaan bengkel), pengetahuan peralatan (pemakaian peralatan), pengetahuan peralatan (perawatan peralatan), dan pengetahuan pemeriksaan kesehatan.

Penelitian ini merupakan penelitian deskriptif kuantitatif. Subyek penelitian ini adalah mahasiswa pratikum Program Studi Pendidikan Teknik Otomotif UNY, dan instrumen penelitian berjumlah 60 mahasiswa. Pengumpulan data penelitian menggunakan angket, dan uji instrumen menggunakan uji validitas dengan rumus korelasi product moment dan uji reliabilitas dengan rumus Spearman-Brown. Hasil analisis data disajikan dalam bentuk skor pencapaiannya kemudian dipersentasekan.

Pengetahuan Kesehatan Keselamatan Kerja (K3) Mahasiswa program studi pendidikan teknik otomotif fakultas teknik UNY terhadap bahaya kecelakaan di bengkel las, dilakukan dengan 6 variabel pengukur pengetahuan yaitu: 1) pengetahuan mahasiswa pada sikap (disiplin) memenuhi kriteria sangat baik, dengan skor pencapaian 81%, 2) pengetahuan mahasiswa pada sikap (kepedulian) memiliki kriteria baik, dengan skor pencapaian 73%, 3) pengetahuan mahasiswa pada lingkungan (keadaan bengkel) memiliki kriteria baik, dengan skor 73%, 4) pengetahuan mahasiswa pada peralatan (pemakaian peralatan) memiliki kriteria baik, dengan skor 73%, dan 5) pengetahuan mahasiswa pada peralatan (perawatan peralatan) memiliki kriteria baik, dengan skor 71%, 6) pengetahuan mahasiswa pada pemeriksaan kesehatan memiliki kriteria sangat baik, dengan skor 83%. Secara keseluruhan Pengetahuan Kesehatan Keselamatan Kerja (K3) Mahasiswa program studi pendidikan teknik otomotif fakultas teknik UNY terhadap bahaya kecelakaan di bengkel las memiliki hasil pencapaian kriteria baik, dengan skor pencapaian 75%.

Kata kunci: Pengetahuan K3, Bengkel Las, UNY.

**KNOWLEDGE OF OCCUPATIONAL HEALTH AND SAFETY (OHS)
STUDENTS OF AUTOMOTIVE ENGINEERING EDUCATION
FACULTY OF ENGINEERING YOGYAKARTA STATE UNIVERSITY
ON DANGEROUS ACCIDENTS THAT MIGHT HAPPEN IN A WELDING
WORKSHOP**

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ABSTRACT

This study aims to determine the awareness of Occupational Health and Safety (OHS) of students of the automotive engineering education study program at the UNY Faculty of Engineering against the danger of accidents in the welding workshop, which includes attitude knowledge (discipline and awareness), environmental knowledge (workshop state), equipment knowledge (equipment usage and maintenance), and health inspection knowledge.

This research is a quantitative descriptive. The subjects of this study were the students of the Mechanical Engineering Education Study Program of UNY, and the research instruments consisted of 60 students. Research data collection was done by using questionnaires. The test instrument is based on the validity test with the product moment correlation formula, while the reliability test is based on the Spearman-Brown formula. The results of data analysis are presented in the form of achievement scores and then elaborated.

Occupational Health Safety Knowledge (OHS) students of the automotive engineering education study program at the UNY faculty of engineering against accidents in the welding workshop, carried out with 6 knowledge measuring variables, namely: 1) students' knowledge on attitude (discipline) meets the criteria very well, with an achievement score of 81% , 2) students' knowledge on attitude (awareness) has good criteria, with an achievement score of 73%, 3) students' knowledge on the environment (workshop state) has good criteria, with a score of 73%, 4) student knowledge on equipment (use of equipment) has good criteria, with a score of 73%, and 5) student knowledge on equipment (equipment maintenance) has good criteria, with a score of 71%, 6) student knowledge on health examination has very good criteria, with a score of 83%. Overall Occupational Health Safety Knowledge (K3) Students of the automotive engineering education study program at the UNY Faculty of Engineering against the dangers of accidents in the welding workshop have good achievement criteria, with an achievement score of 75%.

Key Words: awareness, OHS, welding workshop, UNY.