



UNIVERSITAS ANDALAS

**FAKTOR-FAKTOR YANG BERHUBUNGAN DENGAN
PERILAKU KESELAMATAN DAN KESEHATAN
KERJA PADA SISWA JURUSAN TEKNIK
MESIN SMK NEGERI 1 SUMATERA
BARAT TAHUN 2023**

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FAKULTAS KESEHATAN MASYARAKAT

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EKA PUTRI DELNI, No.BP.1911212050

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TEKNIK MESIN SMK NEGERI 1 SUMATERA BARAT TAHUN 2023**

xi + 76 halaman, 21 tabel, 9 gambar, 10 lampiran

ABSTRAK

Tujuan Penelitian

Kegiatan pembelajaran di SMK lebih banyak berupa praktik di bengkel kerja atau laboratorium yang mempunyai potensi bahaya. Berdasarkan survei awal, 9 dari 10 siswa jurusan teknik mesin SMKN 1 Sumatera Barat pernah mengalami kecelakaan kerja seperti terjepit, tersentrum, dan keluhan gangguan mata. Tujuan penelitian ini adalah untuk mengetahui faktor-faktor yang berhubungan dengan perilaku K3 siswa jurusan teknik mesin di SMK Negeri 1 Sumatera Barat.

Metode

Jenis penelitian kuantitatif dengan desain *cross sectional* yang dilakukan di SMK Negeri 1 Sumatera Barat pada Februari – September 2023. Populasi penelitian adalah siswa kelas XI dan XII jurusan teknik mesin dengan sampel sebanyak 76 siswa dipilih menggunakan teknik *stratified random sampling*. Data primer didapatkan melalui kuesioner yang dianalisis secara univariat dan bivariat dengan uji *chi-square*.

Hasil

Hasil penelitian menunjukkan 47,4% perilaku kurang baik, 55,3% ketersediaan sarana dan prasarana kurang memadai dan 50% pengawasan guru kurang baik. Terdapat hubungan yang bermakna antara ketersediaan sarana dan prasarana ($p\text{-value} = 0,002$) serta pengawasan guru ($p\text{-value} = 0,006$) dengan perilaku K3 kurang baik.

Kesimpulan

Ketersediaan sarana dan prasarana serta pengawasan guru memiliki hubungan dengan perilaku terkait keselamatan dan kesehatan kerja siswa. Disarankan kepada sekolah melakukan kegiatan *safety talk* sebelum praktik dilakukan.

Daftar Pustaka : 48 (1970-2022)

Kata Kunci : Perilaku K3, sarana dan prasarana, pengawasan

**FACULTY OF PUBLIC HEALTH
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**FACTORS RELATED TO OCCUPATIONAL HEALTH AND SAFETY
BEHAVIOUR STUDENT ENGINEERING MACHINE STATE VOCATIONAL
HIGH SCHOOL 1 SUMATERA BARAT 2023**

xi + 76 pages, 21 tables, 9 pictures, 10 attachments

ABSTRACT

Objective

Learning activities in vocational schools are mostly practical in workshops or laboratories that have potential hazards. Based on an initial survey, 9 out of 10 students majoring in mechanical engineering at SMKN 1 Sumatera Barat have experienced work accidents, such as being pinched, scratched, glued, hit and complaints of eye problems. The purpose of this study was to determine the factors associated with occupational safety and health behavior of students majoring in mechanical engineering at SMK Negeri 1 Sumatera Barat.

Method

This type of quantitative research with a cross-sectional design at SMK Negeri 1 Sumatera Barat in February – September 2023. The research population was class XI and XII students majoring in mechanical engineering at SMK Negeri 1 Sumatera Barat with a sample of 76 students. Samples were selected using stratified random sampling technique. Data collection used primary and secondary data. Primary data obtained through questionnaires were analyzed univariately and bivariately with the chi-square test.

Result

The result showed 47,4% poor behavior, 55,3% in adequate availability of facilities and infrastructure and 50% poor teacher supervision. There was a significant the availability of facilities and infrastructure (p -value = 0,002) and teacher supervision (p -value = 0,006) on behavior related to student occupational safety and health.

Conclusion

The availability of facilities and infrastructure and teacher supervision have a relationship with behavior related to student occupational safety and health. It is recommended that schools conduct safety talk activities before practice is carried out.

Bibliography : 48 (1970 - 2022)

Keywords : Health and safety behaviour, facilities and infrastructure, supervision