

ABSTRAK

Nama : Salwa Kurnia Zahirah
Program Studi : S1 Kesehatan Masyarakat
Judul : Hubungan Pengawasan dan Karakteristik Individu terhadap Kepatuhan Penggunaan Alat Pelindung Diri (APD) pada Pekerja Ketinggian di Proyek Tol Jakarta-Cikampek, Bekasi

Kecelakaan kerja pada pekerja di ketinggian masih menjadi tantangan utama yang disebabkan oleh kurangnya kepatuhan pekerja dalam penggunaan Alat Pelindung Diri (APD). Penelitian ini bertujuan untuk mengetahui hubungan pengawasan dan karakteristik individu terhadap kepatuhan penggunaan APD pada pekerja ketinggian di Zona 2A dan 2B Proyek Tol Jakarta-Cikampek, Bekasi. Penelitian ini menggunakan desain analitik observasional dengan pendekatan *cross sectional*. Penelitian dilaksanakan pada bulan Juli–Agustus 2025 di Zona 2A dan Zona 2B Proyek Tol Jakarta-Cikampek, Bekasi. Jumlah sampel sebanyak 76 responden dengan teknik total sampling. Data dikumpulkan menggunakan kuesioner dan dianalisis secara univariat serta bivariat menggunakan uji *Chi-square* dengan tingkat signifikansi $p < 0,05$, serta *Odds Ratio* (OR) untuk mengetahui besar risiko. Hasil penelitian menunjukkan terdapat hubungan yang signifikan antara pengawasan dengan kepatuhan penggunaan APD ($p = 0,002$; OR = 5,943), pengetahuan ($p = 0,038$; OR = 0,320), sikap ($p = 0,013$; OR = 3,868), usia ($p = 0,013$; OR = 3,868), pendidikan ($p = 0,024$; OR = 3,353), dan lama kerja ($p = 0,026$; OR = 3,674). Kesimpulan: pengawasan dan karakteristik individu (pengetahuan, sikap, usia, pendidikan, dan lama kerja) berhubungan signifikan dengan kepatuhan penggunaan APD pada pekerja ketinggian di Proyek Tol Jakarta-Cikampek, Bekasi. Saran: manajemen perlu menambah jumlah pengawas K3, meningkatkan sosialisasi dan pelatihan penggunaan APD, menumbuhkan sikap positif pekerja, serta mempertimbangkan faktor usia, pendidikan, dan lama kerja dalam perekrutan maupun pembinaan pekerja di ketinggian.

Kata kunci: Kepatuhan, APD, Pengawasan, Karakteristik Individu, Pekerja Ketinggian

ABSTRACT

Name : Salwa Kurnia Zahirah
Study Program : Bachelor of Public Health
Title : *The Relationship Between Supervision and Individual Characteristics with Compliance in Using Personal Protective Equipment (PPE) Among Height Workers at the Jakarta–Cikampek Toll Project, Bekasi*

Workplace accidents among workers at height remain a major challenge, primarily caused by the lack of compliance in using Personal Protective Equipment (PPE). This study aims to determine the relationship between supervision and individual characteristics with PPE compliance among workers at height in Zones 2A and 2B of the Jakarta–Cikampek Toll Road Project, Bekasi. The study employed an observational analytic design with a cross-sectional approach. It was conducted in July–August 2025 in Zones 2A and 2B of the Jakarta–Cikampek Toll Road Project, Bekasi. The sample consisted of 76 respondents, selected using a total sampling technique. Data were collected through questionnaires and analyzed univariately and bivariately using the Chi-square test with a significance level of $p < 0.05$, along with Odds Ratio (OR) to determine the magnitude of risk. The results showed a significant relationship between supervision and PPE compliance ($p = 0.002$; OR = 5.943), knowledge ($p = 0.038$; OR = 0.320), attitude ($p = 0.013$; OR = 3.868), age ($p = 0.013$; OR = 3.868), education ($p = 0.024$; OR = 3.353), and length of service ($p = 0.026$; OR = 3.674). The conclusion: supervision and individual characteristics (knowledge, attitude, age, education, and length of service) are significantly associated with PPE compliance among workers at height in the Jakarta–Cikampek Toll Road Project, Bekasi. Suggestion: Management should increase the number of certified safety supervisors, enhance socialization and training on PPE use, foster positive worker attitudes, and take into account age, education, and length of service in the recruitment and development of workers at height.

Keywords: *Compliance, PPE, Supervision, Individual Characteristics, Height Workers*