

**HUBUNGAN PENERAPAN PROGRAM K3 DAN DUKUNGAN REKAN  
KERJA TERHADAP KEPATUHAN PENGGUNAAN APD PADA  
PEKERJA PROYEK 6 RUAS TOL DALAM KOTA KSO JAYA-ADHI  
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**Abstrak**

Penggunaan APD menjadi upaya dalam meminimalisasi kerugian dari dampak kecelakaan, meskipun dalam hirarki pengendalian K3 termasuk sebagai pilihan terakhir, namun APD efektif digunakan untuk mengendalikan risiko yang masih ada. Faktor-faktor yang dapat mempengaruhi terhadap kepatuhan penggunaan APD pada pekerja ialah usia, program K3, dan dukungan dari rekan kerja. Penelitian ini bertujuan mengetahui hubungan usia, penerapan program K3, serta dukungan rekan kerja terhadap kepatuhan penggunaan APD pada pekerja Proyek Pembangunan 6 Ruas Tol Dalam Kota KSO JAYA-ADHI tahun 2021. Penelitian ini bersifat analitik kuantitatif dengan desain studi potong lintang. Populasi pada penelitian ini sebanyak 150 pekerja dan jumlah sampel minimal sebanyak 120 pekerja dengan teknik pengumpulan aksidental sampling . Waktu penelitian dimulai pada bulan Mei hingga Juni 2021. Data dianalisis dengan menggunakan uji Chi-square. Didapatkan bahwa sebanyak 62 dari 120 pekerja (51,7%) menunjukkan kepatuhan dalam penggunaan APD. Hasil analisis pada uji statistik menunjukkan bahwa *safety talk* ( $P\text{-value} = 0,001$ ), *safety sign* ( $P\text{-value} = 0,000$ ), *safety patrol* ( $P\text{-value} = 0,019$ ), dan dukungan rekan kerja ( $P\text{-value} = 0,001$ ) memiliki hubungan signifikan terhadap kepatuhan penggunaan APD. Usia ( $P\text{-value} = 0,265$ ) tidak memiliki hubungan terhadap kepatuhan penggunaan APD. Maka dari itu perusahaan perlu konsisten menjalankan program K3 serta meningkatkan kualitas program K3 agar pekerja mematuhi penggunaan APD lengkap saat bekerja.

**Kata kunci:** kepatuhan penggunaan APD, pekerja proyek, program K3, dukungan rekan kerja

**THE RELATIONSHIP BETWEEN OHS PROGRAM  
IMPLEMENTATION AND CO-WORKERS SUPPORT WITH  
THE COMPLIANCE OF PPE USE AMONG WORKERS OF  
THE 6 TOLL SEGMENT PROJECT IN KSO JAYA-ADHI  
CITY IN 2021**

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**Abstract**

The use of PPE is an effort to minimize losses due to the impact of accidents, although in the hierarchy of control OHS is included as a last resort, but PPE is effectively used to control the risks that still exist. Factors that affect compliance with the use of PPE in workers are age, OHS program, and support of co-workers. This study aims to determine the relationship between age, Occupational Health and Safety (OHS) program, and support from co-workers for compliance with the use of PPE for workers in the Construction Project of 6 Inner-City Toll Roads KSO JAYA-ADHI in 2021. This research was a quantitative-analytic study. The population in this study was 150 workers. No more than 120 workers were recruited as samples by using an accidental sampling technique. This research was conducted from May until June 2021. Data were analyzed by using a Chi-square test. It has been found that 62 of 120 workers (51,7%) showed a high level of compliance to PPE use. The results of the analysis on statistical tests showed that safety talk (P-value = 0.001), safety sign (P-value = 0.000), safety patrol (P-value = 0.019), support from colleagues (P-value = 0.001) had significant relationship to compliance with the use of PPE. Age (P-value = 0,265) has no relationship to compliance with PPE use. Therefore, the company needs to consistently runs the OHS program and improve the quality of the OHS program so that workers comply with the use of complete PPE when working.

**Keywords:** compliance with the use of PPE, project workers, OHS programs, support from co-workers