

# Kajian faktor-faktor yang berhubungan dengan perilaku tidak aman pekerja konstruksi pada proyek pembangunan gedung bertingkat "ABC" Jakarta tahun 2015 = Study of factors related to unsafe behavior of construction workers on the storey building project "ABC" Jakarta 2015

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## Abstrak

[Industri konstruksi merupakan salah satu industri yang mempunyai potensi bahaya tinggi yang dapat menyebabkan terjadinya kecelakaan, dimana menempati urutan jumlah kecelakaan tertinggi bila dibandingkan dengan sektor lain. PT. XYZ merupakan kontraktor pembangunan gedung ABC yang telah menerapkan Sistem Manajemen Keselamatan dan Kesehatan Kerja, namun masih terdapat kasus kecelakaan. Berdasarkan data analisa kecelakaan PT. XYZ, penyebabnya sebagian besar adalah perilaku tidak aman pekerja.

Tujuan penelitian ini untuk mengetahui faktor-faktor yang berhubungan dengan perilaku tidak aman pekerja konstruksi pada proyek pembangunan gedung ABC Jakarta. Desain penelitian cross sectional, menggunakan kuesioner, analisis data menggunakan uji chi square dan uji regresi logistik ganda. Hasil uji chi square menunjukkan ada hubungan pengetahuan, persepsi, motivasi dan dukungan teman kerja dengan perilaku tidak aman pekerja, sedangkan pengawasan dan ketersediaan sarana prasarana tidak ada hubungan dengan perilaku tidak aman. Berdasarkan analisa regresi logistik ganda, variabel persepsi mempunyai nilai OR paling besar yaitu 4,328 sehingga persepsi merupakan faktor paling dominan mempengaruhi terjadinya perilaku tidak aman.

Disarankan bagi PT. XYZ untuk mengembangkan pendekatan yang sistematis dan aplikatif dalam rangka pencegahan perilaku tidak aman, salah satunya dengan program Behaviour Base Safety (BBS); melaksanakan pelatihan berkala untuk meningkatkan pengetahuan, persepsi dan motivasi sehingga menumbuhkan kepedulian pekerja terhadap keselamatan kerja; meningkatkan keterlibatan mandor dalam mengawasi pekerja berorientasi keselamatan pekerja.

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The construction industry is one of the industries that has high hazard potential for accidents. It ranks the highest number of accidents compared to other sectors. PT. XYZ is a building contractor of ABC project who has implemented occupational safety and health management system, but cases of accidents are still there. Based on the PT. XYZ accident data analysis, the accidents are mostly caused by unsafe behavior of the workers.

This study wants to determine the factors that were associated with unsafe behavior of construction workers on the ABC building project in Jakarta. The study uses a cross-sectional study design and questionnaire. Chi square test and multiple logistic regressions were used to analyze data. The chi square test showed correlations between knowledge, perception, motivation and co-workers support and unsafe behavior of workers, while supervision and the availability of facilities were not associated with unsafe behavior. Based

on the multiple logistic regressions analysis, the perception variable has the biggest OR value (4.328). It means that the perception is the most dominant variable influencing the occurrence of unsafe behavior.

PT. XYZ is suggested to develop systematic and applied approaches in order to prevent unsafe behavior. Some of the approaches are Behavior Based Safety (BBS) program and regular training program to increase the worker's knowledge, perception and motivation so that the safety concerns of the workers can be raised. Additional program is to increase the involvement of foreman in overseeing the workers' by safety-oriented workers., The construction industry is one of the industries that has high hazard potential for accidents. It ranks the highest number of accidents compared to other sectors.

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