

Analisis insiden unsafe act berdasarkan faktor prakondisi di PT Bukit Makmur Mandiri Utama Jobsite Lanna Harita Indonesia tahun 2011 = Analysis of unsafe act incident based On precondition factor in PT Bukit Makmur Mandiri Utama Jobsite Lanna Harita Indonesia in 2011

Ade Ciptapratama, author

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Abstrak

Unsafe Act merupakan salah satu penyebab insiden yang secara langsung terjadi, hal ini dikarenakan Unsafe Act termasuk kedalam kegagalan aktif. Oleh karena itu, penelitian ini bertujuan menjelaskan kejadian unsafe act berdasarkan faktor-faktor prakondisi dan berdasarkan model HFACS-MI. Variabel yang diteliti adalah Unsafe Act meliputi Errors dan Violations. Sedangkan Precondition of unsafe act meliputi Environment Factors, Condition of Operators, dan Personnel factors. Setiap variabel diklasifikasikan berdasarkan penyebab insiden ke dalam indikator-indikator yang berkontribusi terhadap insiden. Pengklasifikasian tersebut dilakukan dengan menganalisis kronologi insiden, faktor penyebab langsung dan tidak langsung insiden yang terdapat pada laporan investigasi insiden serta membandingkan dengan model Human Factors Analysis And Classification System-Mining Industry(HFACS-MI). Analisis Insiden Unsafe Act dilakukan dengan menggunakan metode kuantitatif yang digunakan untuk melihat persentase terjadinya insiden pada masing-masing variabel.

.....Unsafe act is one of the direct causes of incident, because it included into active failure. Therefore, the purpose of this research is to explain unsafe act incident based on precondition factors and using HFACS-MI model. Variables studied include Environment Factors, Condition of Operators, and Personnel Factors. Each variables is classified based on causes of incident into indicators that contributed to the incident. Classification is conducted by analyzing chronology of the incident, direct and indirect causes of incident reported on investigation report and comparing it with Human Factors Analysis and Classification System-Mining Industry (HFACS-MI). Analysis of unsafe act incident is conducted with quantitative method to observe the incident percentage in each variable.