

Identifikasi bahaya dan penilaian risiko pada proses uji aspal di laboratorium struktur dan material fakultas teknik universitas Indonesia = Hazard identification and risk assessment on asphalt examination process at structure and material laboratory faculty of engineering university of Indonesia

Waditra Rakasiwi Sunarya, author

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Abstrak

Penelitian ini membahas identifikasi bahaya dan penilaian risiko pada proses uji aspal di Laboratorium Struktur dan Material Fakultas Teknik Universitas Indonesia, Departemen Teknik Sipil. Penelitian ini bertujuan mengetahui potensi bahaya di laboratorium. Metode yang digunakan yaitu Job Hazard Analysis, dan untuk penilaian risiko dilakukan dengan menggunakan metode analisa semikuantitatif dengan kriteria penilaian risiko (consequence, likelihood, dan exposure). Hasil penilaian risiko diketahui nilai basic risk dan existing risk. Hasil penelitian dapat menjadi dasar pertimbangan program pengendalian risiko di laboratorium.

.....This research discusses about hazard identification and risk assessment on asphalt examination process at Structure and Material Laboratory Faculty of Engineering University of Indonesia, Civil Engineering Department. This Research is intending to discover potential of hazard in Laboratory. Job hazard analysis is used method for this research and semi-quantitative analysis with risk estimation criteria (consequence, likelihood, and exposure) method to Appraising the Risk. The result of the examination of risk to discovered basic risk and existing risk value. this research outcome can be basic consideration for risk control program in laboratory.