

Analisis tingkat risiko ergonomi pada aktivitas manual handling di PT CEVA Logistik Indonesia Site Michelin Pondok Ungu Bekasi tahun 2012 = The Ergonomics risk analysis on manual handling activity at PT CEVA Logistics Indonesia Site Michelin Pondok Ungu Bekasi in 2012

Anisa Tasya Priastika, author

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Abstrak

Penelitian dilakukan pada proses kerja di salah satu site milik PT. CEVA Logistik Indonesia yang menangani kegiatan logistik ban, yaitu Site Michelin. Tujuan dari penelitian yaitu untuk menjelaskan tingkat risiko ergonomi pada aktivitas manual handling. Penelitian menggunakan desain penelitian cross sectional dengan metode REBA (Rapid Entire Body Assessment) untuk menilai tingkat risiko ergonomi terkait postur janggal, beban kerja, frekuensi, dan durasi pekerjaan. Terdapat empat proses kerja terkait aktivitas manual handling, yaitu proses unloading, proses put away stack, proses loading, dan proses converting. Hasil penelitian menunjukkan bahwa sebagian besar tahapan memiliki tingkat risiko ergonomi tinggi berdasarkan skor REBA akhir yang berkisar antara 5-13, sehingga dibutuhkan upaya perbaikan secepatnya dengan meminimisasi aktivitas manual handling, salah satunya dapat melalui penggunaan forklift tyre handler.

.....The research was conducted on work processes at one site owned by PT. CEVA Logistics Indonesia which handles the logistics activities of tire, the Michelin site. The purpose of the research is to describe the level of ergonomic risk in manual handling activities. The research uses cross sectional study design with the method of REBA (Rapid Entire Body Assessment) to assess the risk of ergonomics-related awkward postures, workload, frequency, and duration of tasks. There are four work processes related to manual handling activities, process of unloading, process of put away stack, process of loading, and process of converting. The results showed that most of the tasks have a high level of ergonomic risk based on the final REBA score ranging from 5-13, so that changes are needed immediately to minimize the manual handling activities, for example by using forklift tyre handler.