ABSTRAK

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Judul   : ANALISIS POTENSI BAHAYA DENGAN MENGGUNAKAN METODE JOB SAFETY ANALYSIS (JSA) DAN PENERAPAN MANAJEMEN KESELAMETAN DAN KESEHATAN KERJA DI PT XYZ

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Analisis Keselamatan Kerja adalah salah satu alat yang paling efektif untuk mengendalikan kecelakaan melalui pendekatan proaktif yang meningkatkan produktivitas kerja dan kinerja proyek. Penelitian ini dilakukan di PT. XYZ dengan objek penelitian yang diambil adalah analisa risiko penerapan sistem manajemen keselamatan dan kesehatan kerja (SMK3) melalui pendekatan *Job safety analysis (JSA)* pada studi kasus pergudangan di PT XYZ. Jenis penelitian yang digunakan adalah penelitian kualitatif, kuantitatif dan semi kuantitatif dengan mengumpulkan data menggunakan observasi dan wawancara pada petugas gudang. Setelah dilakukan rencana pengendalian dengan penerapan sistem manajemen keselmatan dan kesehatan kerja (SMK3) dan tindakan pencegahan diharapkan risiko kecelakaan menjadi berkurang seperti pada *Job safety analysis (JSA)* yang telah dilakukan. Dari hasil analisis setelah dilakukan tindakan pengendalian didapatkan: Tidak terdapat pekerjaan dengan Risiko *High*. Pekerjaan dengan risiko *Moderate* menjadi tidak ada. Pekerjaan dengan risiko *Low* menjadi 7 risiko Dapat diketahui pada kegiatan proses pekerjaan assembly rubber scoopy terdapat beberapa potensi bahaya bahaya fisik diantaranya: tangan terluka robek dan memar, keseleo, sesak nafas, dan mual. Berdasarkan hasil analisis risiko pada kegiatan pergudangan sebelum dilakukan rekomendasi pengendalian memiliki 0% *high risk*, 85,72% *moderate risk* dan 14,28% *low risk*. Setelah dilakukan rekomendasi pengendalian menjadi 0% *high risk*, 0% *moderate risk*, dan 100% *low risk*. Hasil evaluasi dan pengendalian risiko menunjukkan sebagian besar tingkatan risiko kegiatan pergudangan setelah rekomendasi pengendalian risiko bersifat *low risk*

Kata Kunci: SMK3, *Job safety analysis*, Potensi bahaya

ABSTRACT

Occupational Safety Analysis is one of the most effective tools for controlling accidents through a proactive approach that increases work productivity and project performance. This research was conducted at PT. XYZ with the research object taken is a risk analysis of the application of an occupational safety and health management system (SMK3) through the Job safety analysis (JSA) approach in a case study of warehousing at PT XYZ. The type of research used is qualitative, quantitative and semi-quantitative research by collecting data using observation and interviews with warehouse staff. After carrying out a control plan by implementing an occupational health and safety management system (SMK3) and preventive measures, it is hoped that the risk of accidents will be reduced as in the Job Safety Analysis (JSA) that has been carried out. From the results of the analysis after the control measures were taken, it was found: There were no jobs with high risk. Jobs with Moderate risk are non-existent. Jobs with Low risk become 7 risks. It can be seen that in the rubber scoopy assembly work process there are several potential physical hazards including: torn and bruised hands, sprains, shortness of breath, and nausea. Based on the results of risk analysis on warehousing activities before the recommendations for control are carried out, it has 0% high risk, 85.72% moderate risk and 14.28% low risk. After the control recommendations were made, it became 0% high risk, 0% moderate risk, and 100% low risk. The results of risk evaluation and control show that most of the risk levels of warehousing activities after the recommendation of risk control are low risk

Keywords: SMK3, *Job safety analysis,* potential hazard