

Penilaian Risiko Keselamatan Kerja pada Pembuatan Produk Berbahan Dasar Baja Ringan di PT Bumi Lancang Kuning Pusaka (BLKP) Pekanbaru Tahun 2014

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Abstrak

ABSTRACT Penelitian ini membahas tentang penilaian risiko keselamatan kerja pada pembuatan produk berbahan dasar baja ringan di PT Bumi Lancang Kuning Pusaka (BLKP) Pekanbaru tahun 2014. Penelitian ini bertujuan untuk menjelaskan tingkat risiko pada kegiatan di area produksi. Identifikasi bahaya dilakukan menggunakan Job Safety Analysis. Penilaian risiko dilakukan berdasarkan kriteria Fine yaitu nilai risiko berasal dari perkalian probability, consequence, dan exposure. Hasil penelitian menemukan 4 jenis bahaya di tempat kerja yaitu bahaya mekanik, fisik, psikososial, dan perilaku. Terdapat 4 risiko dengan kategori very high, 5 risiko kategori priority 1, 8 risiko kategori substantial, 2 risiko kategori priority 1, dan 2 risiko kategori acceptable pada penilaian risiko dengan mempertimbangkan pengendalian yang sudah ada di perusahaan. Setelah diberikan rekomendasi pengendalian ada 15 risiko diestimasi masuk kategori acceptable, 5 kategori priority 3, dan 1 kategori substantial.

ABSTRACT This research discusses the occupational safety risk assessment in the manufacturing of light gauge steel products at PT Bumi Lancang Kuning Pusaka (BLKP) Pekanbaru 2014. The aim of this research is to define the level of risk of the activities in the production area. Hazard was identified using Job Safety Analysis (JSA). Risk assessment was conducted using Fine criteria. Level of risk was the function of the multiplication of probability, consequence, and exposure ($R=P \times C \times E$). This results found that there are 4 hazards in the workplace, they are mechanical hazard, physical hazard, psychosocial hazard, and behavior hazard. The assessment of existing risks showed that there are 4 risks ranked as very high, 5 are priority 1 risks, 8 are substantial risks, 2 are priority 3 risks, and 2 are acceptable risks. The recommendations of control were given based on the existing risk and risk categories were estimated changed into 15 acceptable risks, 5 priority 3 risks, and 1 substantial risk.