

Health Risk Assessment dengan metode semi kuantitatif di Floating Storage and Offloading (FSO) PT. X tahun 2012 = Health Risk Assessment using semi quantitative method in Floating Storage and Offloading (FSO) PT. X years 2012

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Abstrak

Penelitian ini membahas tentang Health Risk Assessment yang diperoleh pada proses kegiatan kerja di Floating Storage and Offloading (FSO) PT.X tahun 2012. Penilaian risiko kesehatan dilakukan dengan menganalisis nilai Potensial Risk (PR), Intrinsic Gravity Rate (G), Frequency Rate of Exposure (F), Duration of the exposure or the repeat rate of exposed task (D), Residual Risk (RR), dan Prevention Means (PM) dari setiap wilayah kerja yang kemudian dibandingkan dengan tabel standar ACGIH TLV's 2011 dan Peraturan Menteri Tenaga Kerja (Kepmenaker No. 13/Men/X/2011) untuk mengetahui level risiko kesehatan yang ada pada setiap kegiatan kerja tersebut.

Desain penelitian ini adalah cross sectional dengan melakukan observasi, pengukuran dan pengumpulan data. Hasil penelitian menunjukkan bahwa ditemukan level risiko kesehatan yang sangat tinggi (very critical) pada wilayah Main Deck (Bising, Asbestos, Paederus littoralis), Main Floor, Lower Engine Flat, Upper Engine Flat (Bising dan Asbestos) di PT.X tersebut.

.....This Health Risk Assessment (HRA) research that was held at Floating Storage and Offloading (FSO) PT.X in 2012, is based on process working area. Health Risk Assessment was conducted by analyzing Potensial Risk (PR), Intrinsic Gravity Rate (G), Frequency Rate of Exposure (F), Duration of the exposure or the repeat rate of exposed task (D), Residual Risk (RR), and Prevention Means (PM) value that came from every job activity. The result will be compared with ACGIH TLV's 2011 and Peraturan Menteri Tenaga Kerja (Kepmenaker No. 13/Men/X/2011).

The design of this study is cross sectional by conducting observation, measurment, and data gathering. The result of this study showed that heath risk level are very high (very critical) on Main Deck (Noise, Asbestos, Paederus littoralis), Main Floor, Lower Engine Flat, Upper Engine Flat (Noise and Asbestos) in the PT.X work area.