

**ANALISIS POTENSI BAHAYA PEKERJA PT. MADUBARU PG/PS
MADUKISMO PADA BAGIAN PRODUKSI DENGAN MENGGUNAKAN
METODE *JOB SAFETY ANALYSIS* (JSA)**

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ABSTRAK

Tujuan dari penelitian ini yaitu untuk menetapkan kemungkinan suatu kejadian atau dampak dari bahaya kecelakaan kerja supaya dapat dilakukan analisis kecelakaan kerja dan juga penanganan risiko secara cepat dan tepat menggunakan metode JSA (*Job Safety Analisis*) pada PT Madubaru PG/PS Madukismo yang dilaksanakan pada 1 November 2021 sampai 31 Januari 2022. Berdasarkan data kecelakaan kerja yang terjadi pada periode musim giling 2021 terdapat 18 kecelakaan kerja. Melalui pengolahan data menggunakan penilaian risiko yang didapat dari analisis Hasil dari perhitungan *Frekuensi Rate*, *Saverity Rate*, *Incidence Rate*, *Frekuensi Saverity Indicator* adalah sebagai berikut: hasil perhitungan *Frequency Rate* 17,4 jam *Saverity Rate* 61 hari. Hasil perhitungan *Incidence Rate* sebesar 1,8 % dan hasil perhitungan dari *Frequency Saverity Indicator* sebesar 1,06 kali.

**POTENTIAL ANALYSIS OF WORKERS' HAZARDS PT. MADUBARU
PG/PS MADUKISMO IN THE PRODUCTION DEPARTMENT USING JOB
SAFETY ANALYSIS (JSA) METHOD**

ABSTRACT

The study aims to determine the possibility of an event or the impact of a work accident hazard. So, they can conduct swift and precise work accidents and risk management analysis using the JSA (Job Safety Analysis) method at PT Madubaru PG/PS Madukismo. The study was held on November 1, 2021, to January 31, 2022. Based on data on work accidents during the 2021 milling season, there were 18 work accidents through data processing using risk assessment obtained from the analysis. The results of calculating the Frequency Rate, Severity Rate, Incidence Rate, and Frequency Severity Indicator are as follows: the results of calculating the Frequency Rate are 17.4 hours, Severity Rate is 61 days. The Incidence Rate calculation result is 1.8%, and the calculation result from the Frequency Severity Indicator is 1.06 times.

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