

# Gambaran tingkat risiko ergonomi dan keluhan subjektif musculoskeletal disorders (MSDS) pada operator di area trimming PT Bridgestone Tire Indonesia tahun 2012 = Ergonomic risk rating and musculoskeletal disorders msds complaint of trimming area employees in pt bridgestone tire Indonesia 2012

Tiranti Vindhagita Aisyah, author

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## Abstrak

Penelitian ini bertujuan untuk mengetahui gambaran tingkat risiko ergonomi dan keluhan subjektif musculoskeletal disorders (MSDs) pada operator di area trimming PT Bridgestone Tire Indonesia tahun 2012 dengan menggunakan metode penilaian BRIEF (Baseline Risk Identification of Ergonomic Factor) dan kuesioner NBM (Nordic Body Mac) yang telah dimodifikasi dan menggunakan pendekatan cross sectional. Jumlah sampel yang diteliti adalah seluruh operator pada area trimming dan seluruh aktivitasnya yang berisiko terhadap bahaya ergonomi dan timbulnya keluhan subjektif musculoskeletal disorders (MSDs). Hasil penelitian ini menunjukkan bahwa pada seluruh aktivitas kerja, baik pada area trimming bias maupun radial, memiliki tingkat risiko ergonomi sedang dan tinggi. Sedangkan hasil kuesioner musculoskeletal disorders (MSDs) menunjukkan bahwa keluhan terbanyak terdapat pada bahu kanan (89.3%), leher bagian bawah (82.1%), pinggang (78.6%), dan pergelangan tangan kanan (71.4%).

.....The purpose of this research is to know the level of risk and musculoskeletal disorders (MSDs) complaint of trimming area employees in PT Bridgestone Tire Indonesia 2012 using BRIEF (Baseline Risk Identification of Ergonomic Factors) method and modification of Nordic Body Map questionnaire. Total samples on this research is all the employees who felt musculoskeletal disorders (MSDs) complaint and the activities that have an ergonomic risk.

The result of this research indicates that all of the activity, in the trimming bias or radial area, have a level of risk in medium and high category. Besides, NBM questionnaire result, indicate that the most of musculoskeletal disorders (MSDs) complaint is in right shoulder (89.3%), neck (82.1%), waist (78.6%), and right wrist (71.4%).