

## **Penilaian Risiko Keselamatan Kerja di Line 8 Coca Cola Europacific Partners Cibitung Plant Tahun 2021 = Occupational Safety Risk Assessment at Line 8 Coca Cola Europacific Partners Cibitung Plant in 2021**

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### **Abstrak**

Setiap pekerjaan yang dilakukan tidak terlepas dari bahaya dan risiko, khususnya di sektor industri manufaktur. Coca Cola Europacific Partners Cibitung Plant merupakan perusahaan yang memproduksi minuman berkarbonasi dan non-karbonasi. Line 8 menjadi salah satu Line produksi di Cibitung Plant yang memproduksi minuman dengan kemasan returnable glass bottle (RGB). Penelitian ini bertujuan untuk melihat tingkat risiko keselamatan pada seluruh proses kerja di Line 8 Coca Cola Europacific Partners Cibitung Plant. Pada penelitian ini, identifikasi bahaya dan risiko menggunakan metode Job Hazard Analysis (JHA). Kemudian, analisis risiko secara semi-kuantitatif mengacu pada AS/NZS 4360:2004, dan penentuan tingkat dan skor risiko menggunakan rumus perhitungan risiko menurut Fine (1971). Terdapat 14 tahapan proses kerja di Line 8 berdasarkan hasil identifikasi proses kerja. Berdasarkan hasil penelitian, terdapat 52 bahaya dan risiko dengan 49 bahaya fisik dan 3 bahaya kimia yang berhasil diturunkan nilai risiko hingga mencapai tingkatan risiko yang dapat diterima melalui rekomendasi pengendalian yang diberikan.

.....Every job carried out is inseparable from danger and risk, especially in the manufacturing industry sector. Coca Cola Europacific Partners Cibitung Plant is a company that produces carbonated and non-carbonated beverages. Line 8 is one of the production lines at the Cibitung Plant that produces beverages with returnable glass bottle (RGB) packaging. This study aims to determine the level of safety risks in all the work processes at Line 8 Coca Cola Europacific Partners Cibitung Plant. In this study, the identifications of hazards and risks are carried out with the Job Hazard Analysis method. Also, the semi-quantitative risk analysis refer to AS/NZS 4360:2004, and the determination of risk levels and scores uses the risk calculation formula according to Fine (1971). There are 14 stages of the work processes in Line 8 based on the identification of the work processes. Based on the results of the study, there are 52 hazards and risks with 49 physical hazards and 3 chemical hazards that have been successfully reduced to an acceptable risk level based on the control recommendations provided.