

Analisis prakondisi yang menyebabkan unsafe act pada operator tambang dalam kejadian insiden periode 2010 di Area Tambang PT Bukit Makmur Mandiri Utama Jobsite Perkasa Inakakerta, Bengalon, Kalimantan Timur = Analysis of precondition for unsafe act in mining operator at PT Bukit Makmur Mandiri Utama Jobsite Perkasa Inakakerta, Bengalon, East Borneo 2010

Rika Nurhayati, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20440414&lokasi=lokal>

---

Abstrak

Penelitian ini bertujuan untuk mengetahui prakondisi yang menyebabkan unsafe act pada operator tambang dalam kejadian insiden yang terjadi di area tambang PT BUMA PIK selama periode 2010. Metode yang digunakan dengan menelaah data sekunder berupa data laporan investigasi kecelakaan tahun 2010 dan diklasifikasikan berdasarkan precondition for unsafe dengan menggunakan Human Factors Analysis Classification System-Mining Industry (HFACS-MI) Model, selain itu juga dilakukan wawancara dan observasi lapangan.

Hasil penelitian ini menunjukkan bahwa condition of operators, environment factors, dan personnel factors merupakan prakondisi yang menyebabkan unsafe act dan kontribusi prakondisi yang paling besar menyebabkan unsafe act adalah condition of operators. Penelitian ini juga menunjukkan bahwa distribusi kejadian unsafe act yang paling banyak terjadi selama tahun 2010 yaitu Decision Errors, Skill based Errors dan Routine Violation.

<hr>

The objective of this study is to identify preconditions that can cause unsafe acts in PT Buma PIK, mining operation, during the year 2010. This study uses Buma's incident investigation reports to analyze and to divide into precondition for unsafe act based on Human Factors Analysis Classification System-Mining Industry (HFACS-MI) model. Besides that, observation and interview are also carried out to get some information related to this study.

The result of this study reveals that condition of operators, environment factor, and personal factor are preconditions that can lead to unsafe act. The highest factor contributed to make unsafe act is condition of operators. In addition, distribution of unsafe acts that most happened during the year 2010 are decision error, skill based error, and routine violation.