

RINGKASAN

PT. Manrapi Mining Kontraktor sebagai sub kontraktor dari PT. Multi Jaya Energi merupakan perusahaan yang bergerak di bidang pertambangan batubara yang berada di Kecamatan Panca Agung Sp1, Kabupaten Bulungan, Provinsi Kalimantan Utara. PT. Manrapi Mining Kontraktor baru melakukan kegiatan penambangan pada tahun 2019 di PT. Manrapi Mining Kontraktor sendiri ada beberapa tahapan Mulai dari mobilitas ke pemuatan, pemuatan batubara ke *dump truck*, proses pengangkutan ke *stockpile*, hingga *dumping*. Kegiatan pengangkutan batubara yang riskan terhadap kecelakaan ada di jalan tambang (*hauling road*).

Untuk menghindari dan mengurangi risiko yang dapat terjadi maka diperlukan manajemen risiko yaitu dengan identifikasi bahaya (*Hazard identification*). Penilaian risiko (*Risk assessment*) pengamatan indentifikasi bahaya pada penelitian ini dilakukan di kegiatan dari *loading point* dan *hauling road* untuk selanjutnya di ketahui hasil peneliaian risiko ada 15 potensi bahaya dengan rincian, 2 potensi bernilai rendah (*Low risk*) dan 7 potensi bernilai sedang (*medium risk*) dan 5 potensi bernilai tinggi (*High risk*), 1 potensi bernilai (*Extreme risk*).

Untuk menjamin keselamatan dan Kesehatan pekerja Perlu peningkatan pengawasan K3 yaitu dengan melakukan kegiatan inspeksi ke seluruh lokasi penambangan, Membuat HIRA untuk mengurangi risiko, bahkan menghilangkan risiko yang terjadi seperti mengadakan pelatihan *safety operation* unit.

SUMMARY

PT. Manrapi Mining Contractor as sub contractor of PT. Multi Jaya Energi is a company engaged in coal mining located in Panca Agung Sp1 District, Bulungan Regency, North Kalimantan Province. PT. Manrapi Mining A new contractor carrying out mining activities in 2019 at PT. Manrapi Mining Contractors themselves have several stages, starting from mobility to loading points, loading coal into dump trucks, transporting processes to stockpiles, to dumping. Coal transportation activities that are risky to accidents are on the hauling road.

To avoid and reduce risks that may occur, risk management is needed, namely hazard identification. Risk assessment (Risk assessment), the observation of hazard identification in this study was carried out in activities from loading points and hauling road, then the results of the risk assessment were identified, there were 15 potential hazards with details, 2 potential low value (Low risk) and 7 medium value potential (medium). risk) and 5 high-value potential (High risk), 1 potential value (Extreme risk).

To ensure the safety and health of workers, it is necessary to increase OHS supervision, namely by conducting inspection activities to all mining locations, making HIRA to reduce risks, and even eliminating the risks that occur, such as holding safety operation unit training