

Pengembangan safety plan melalui pendekatan standar wbs (work breakdown structure) berbasis risiko pada proyek transmisi listrik =  
Development of the safety plan through risk-based wbs (work breakdown structure) standards on the electric transmission lines project

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Abstrak

Proyek Transmisi Listrik merupakan proyek dengan kompleksitas tinggi. Salah satu penyebab terganggunya aktivitas proyek adalah adanya terjadinya kecelakaan kerja. Meningkatnya risiko kecelakaan kerja terjadi karena minimnya identifikasi risiko beserta pengendaliannya. Identifikasi risiko dapat diidentifikasi melalui WBS (Work Breakdown Structure). Tujuan penelitian adalah mengidentifikasi tahapan kegiatan serta factor risiko yang berpotensi bahaya, dan menganalisa faktor risiko dominan guna pengembangan Safety Planning pada pekerjaan transmisi listrik. Metode penelitian meliputi studi literatur, observasi, analisa risiko dan benchmarking. Hasil penelitian ini adalah WBS standar pekerjaan transmisi listrik, sumber risiko yang berpotensi bahaya dan respon risiko serta tinjau ulang level level risiko, dan pengembangan safety plan sebagai salah satu upaya pencegahan, mengurangi bahkan menghilangkan risiko kecelakaan kerja dalam pelaksanaan proyek konstruksi transmisi listrik.

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Transmission Lines Project are projects with high complexity. One of the causes of disruption to project activities is the occurrence of workplace accidents. The increased risk of workplace accidents occurs because of the lack of identification of risks and their controls. Risk identification can be identified through the WBS (Work Breakdown Structure). The research objective is to identify the stages of activities and risk factors that are potentially dangerous and analyze the dominant risk factors for the development of Safety Planning on the electric transmission line work. Research methods include literature study, observation, risk analysis and benchmarking. The results of this study are standard WBS electric transmission line work, potential hazard sources and risk response and review the level of risk, and the development of a safety plan as a preventive measure, reduce and even eliminate the risk of workplace accidents in the implementation of electric transmission line construction projects.