

## Potensi bahaya kebakaran dan ledakan pada tangki timbun bahan bakar minyak (BBM) jenis premium di depot X tahun 2007

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### Abstrak

Tangki timbun BBM jenis Premium di Depot X memiliki risiko kebakaran dan ledakan karena Premium bersifat sangat mudah terbakar. Oleh karena itu, sebagai dasar upaya pengendalian risiko terhadap bahaya kebakaran dan ledakan, serta dalam upaya memenuhi tuntutan hukum, diperlukan penilaian terhadap potensi bahaya kebakaran dan ledakan pada tangki timbun Premium di Depot X. Penelitian ini menggunakan metode Dow's Fire and Explosion Index. Hasil penelitian menunjukkan bahwa nilai F&EI pada tangki Premium adalah sebesar 118,82 sehingga masuk dalam klasifikasi tingkat bahaya intermediate.

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The Potency of Fire and Explosion Hazard on Premium Oil Storage Tank at Depot X 2007. Premium oil storage tanks have fire and explosion risk because Premium oil is flammable liquid. Because of that, fire and explosion risk assessment on Premium oil storage tank at Depot X is needed as foundation to fire and explosion risk management, and comply with regulations. Method of this research is Dow's Fire and Explosion Index. This research indicate that F&EI value for Premium oil storage tank is 118,82. Based on that F&EI value, level of risk at Premium oil storage tank is intermediate risk.