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.

Keywords: fire, explosion, Dow's Index, storage tank, Premium