

Thermal Radiation and Noise Safety Assessment of an Offshore Platform Flare Stack as Sudden Emergency Relief Takes Place

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Abstract : To study the potential hazards of the sudden emergency relief of flare stack, the thermal radiation and noise calculation of flare stack is carried out by using Flaresim program 2.0. Thermal radiation and noise analysis should be considered as the sudden emergency relief takes place. According to the Flaresim software simulation results, the thermal radiation and noise meet the requirement.

Keywords : flare stack, thermal radiation, safety assessment, noise

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