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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SH/T 3226-2024

**Petrochemical Process Risk Quantitative Analysis Standard
(English Translation)**

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This standard specifies the basic provisions, main contents and technical requirements for quantitative assessment of fire, explosion and poisoning incidents involved in petrochemical processes, such as data collection, identification of hazardous and leakage units, determination of risk scenarios, event frequency analysis, consequence assessment, exposure impact, risk calculation and risk control. This standard applies to the quantitative risk assessment of new, rebuilt or expanded engineering projects and in-service devices (facilities) that use petroleum, coal, natural gas and other raw materials to produce fuels and chemicals.

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