

Safety assessment and technique of pressure sealing, application in pressured pipeline petrochemical leakage

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The emergence of pressurized sealing technology has played a major role in eliminating the hidden dangers of running, emitting, dripping, and leaking in production equipment in the process industry, and has produced huge economic and social benefits. This article briefly introduces the definition, characteristics and relevant national standards, industry standards, laws and regulations of pressurized sealing technology. At the same time, from the technical perspectives of stress analysis, safety assessment, and safety structure, the pressure pipeline leaking and sealing process under pressure was deeply discussed, and the theoretical basis, evaluation criteria and practical methods to ensure construction safety were put forward.

Keywords: pressure sealing, pressure pipeline leakage, stress analysis, safety assessment, safety measures.

Biography

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