

the substance's dangerous factors, the poison gas and the complex operation environment. The tri-grades safety monitoring in corporation, plants and teams is implemented for dangerous operation according to the scale of device overhaul. The monitoring modes involve expert monitoring, technology monitoring and patrol monitoring. An integrated model involving overhaul safety, quality and time limit, as well as the operation safety model involving the classic small-scale maintenance for the plants and teams, is set up for the large-scale device including pressure containers, mechanical and electric devices. An extended effect mechanism of safety monitoring for dangerous operation is built by the implementation of standard operations.

Key words dangerous operation, administrative levels, safety monitoring, integrated safety model

新型空分装置安全技术创新与运用

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摘 要 本文通过对氧气的基本性质、生产制取工艺、空分生产中防燃爆安全措施的介绍; 阐明了在“创新管理模式”下安全技术在生产中的有效运用; 论述了在安全生产管理中技术工作的重要性、以及如何通过技术工作来做好安全生产保障的问题。

关键词 空分制氧 安全防燃爆 安全生产技术 创新运用

Innovation and Application of the Security Technology for the New Air Separation Plant

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Abstract Based on the introduction of the nature of oxygen, production process and security measures for anti-blasting in air separation plant, the effective use of security technology in the production of innovation management is clarified. Meanwhile, the exposition of the importance of technology in safety production management and how to guarantee the safety production by technology is presented.

Key words air separation oxygen-making, anti-blasting, safety production technology, innovation and application

烧结厂煤气泄漏毒性影响评估及防治对策

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摘 要 本文主要叙述了烧结厂点火用煤气的理化与毒性、焦炉、高炉煤气的成分范围。对 CO 泄漏毒性影响进行了评估, 写出了事故状态下泄漏量的基准范围, 根据扩散浓度的模式与参数、计算结果与毒性影响进行评估, 制定出烧结厂防治煤气泄漏、中毒的具体措施。

关键词 烧结厂 点火煤气 中毒 防治措施