

Industry:
Oil Extraction &
Processing

Plant:
Oil & Gas

Lining System:
K-ALOX

K-ALOX LINED MUD TAILING PIPEWORK

Key Benefits:

- ✓ **Enhanced Durability**
- ✓ **Improved operational Efficiency**
- ✓ **Long term cost savings**

Problem: In the oil and petroleum extraction industry, the reliability and integrity of pipework systems are paramount for ensuring efficient operations. Pipelines play a crucial role in transporting materials such as crude oil, petroleum, and various fluids throughout the production site. However, the abrasive nature of these materials, along with the high-pressure pumping processes, can lead to significant wear and tear on pipework, resulting in costly maintenance and downtime. To address these challenges, the implementation of wear-resistant linings has emerged as a vital solution to protect pipework and maintain operational efficiency.

Solution: Kingfisher collaborated closely with the production site's engineers to design and install a customised wear-resistant lining system for the critical sections of the pipework network. Utilising advanced ceramic and polymer composite materials, the lining system was engineered to withstand the abrasive forces encountered during material transportation, while also providing chemical resistance and thermal stability. The installation process was meticulously executed to ensure seamless integration with existing pipework infrastructure, minimising disruption to ongoing operations. Rigorous quality assurance measures were implemented to verify the integrity and performance of the lining system, ensuring compliance with industry standards and regulatory requirements.

Benefits: The successful implementation of wear-resistant linings has demonstrated their critical role in protecting pipework infrastructure in oil and petroleum extraction operations. By providing durable and reliable protection against abrasion, erosion, and corrosion, these linings enhance operational efficiency, safety, and reliability, ultimately contributing to the overall success and sustainability of production sites in the oil and petroleum industry.

Protecting Industry Worldwide

Kingfisher Industrial Ltd
Whitehouse Road,
Kidderminster,
Worcestershire
DY10 1HT
United Kingdom

T +44 (0)1562 543108
E enquiries@kingfisher-industrial.com
www.kingfisher-industrial.com

The information contained on this product Information sheet is to be used as guidance only. The advice and technical data given is done so in good faith and does not constitute any warranty or guarantee on product performance or suitability. We hereby reserve the right to change the technical information herewith without notification or prior agreement

