

Protective Coating Maintenance in the Digital Age

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Effective corrosion management is of paramount importance for the optimal functioning of industrial facilities, particularly those subject to demanding operational conditions. Protective coatings have emerged as versatile and cost-efficient solutions for mitigating corrosion.

Over the course of several decades, the advancement of safer and more efficacious protective coating solutions has led to substantial reductions in operating expenditures. This progress has played a pivotal role in ensuring the secure and efficient operation of assets. The degradation or failure of protective coating and lining systems is typically attributed to the prevailing operational conditions and the micro-climates they generate.

Consequently, the imperative to uphold and rectify these coatings has become evident. Traditional practice has involved allocating a fixed annual maintenance budget, often correlated with the asset's annual depreciation. This practice bears significant implications. Newer facilities, experiencing more pronounced depreciation in their early stages, are assigned considerable maintenance budgets. In contrast, older facilities, having undergone the majority of their depreciation, are allocated relatively smaller budgets. This discrepancy, primarily stemming from a lack of comprehension regarding corrosion-related costs, represents a fundamental misalignment with reality.

As technological advancements emerged, reports were digitized and paint specifications were incorporated into these reports, yet opportunities for enhancement persisted. In collaboration with PK Technology, USA, AkzoNobel has harnessed its coatings expertise to elevate corrosion management to an unprecedented echelon. Our Corrosion Management System, InterPlan™, has demonstrated its capacity to curtail operating expenses, augment operational efficiency, optimize asset utilization, and minimize risk. Tailored for proprietors seeking heightened uptime and data-driven resource justification, InterPlan™ empowers proactive risk mitigation and augments overall reliability, ultimately curbing future expenses. By affording comprehensive insights into the corrosion status of assets, InterPlan™ enables risk-based prioritization for unplanned corrosion-related maintenance. This strategic approach maximizes facility productivity while curbing expenditure.

To encapsulate, InterPlan™ stands as an encompassing and dynamic solution for proficient coating maintenance. Irrespective of asset condition, the alliance of InterPlan™ and AkzoNobel ensures access to the requisite products, services, and expertise for enduring asset preservation.