



# PASSIVE FIRE PROTECTION ASSESSMENT

PK Technology offers a systematic evaluation of existing fireproofing on supplied drawings that detail location and severity. PK Technology also offers a corrosion under fireproofing assessment. The findings are summarized based on severity and client demand. Once evaluated then PK Technology will develop a repair plan.

## intelliSPEC™

- ✓ Secure cloud-based interactive web portal with data storage system
- ✓ Suite of innovative features and integrated tools for efficient review of inspection
- ✓ Client-based configuration of Work Pack / repair planning and project tracking
- ✓ Business Intelligence - customized data analysis, dashboard, and reporting integrated tools

## Qualified Personnel

- PK Technology inspectors are NACE (I, II, III) certified
- Detailed knowledge of the API RP 2001 & 583 standards
- Successfully completed PK Technology's Internal Condition Based Survey Training Programs using intelliSPEC™ mobile technology with detailed working knowledge of the integrated technology



## Inspection Planning / Implementation - **intelliSPEC™**

- Review unit plot plans and/or General Arrangement drawings for structures and equipment location
- Walk down unit(s), or specific areas, to identify / document drawings of all structures with fireproofing
- Identify key items & assign hierarchy based on location, and populate in to intelliSPEC™
- Define acceptance criteria and data to track accuracy and consistency of asset condition



## Visual Condition Based & Risk Based Collection - **intelliSPEC™**

- Inspection types based on service required, coating material, and requirement for non-conformance
- Categorize based on safety, potential of escalation, and severity condition
- Visual evidence with photos, measurements, and recommendation for correction per requirements



## Increased Reliability, Performance and Long-Term Reduction

- Accuracy of data due to consistent mobile inspection forms
- Efficiency of inspection by controlled workflow process with an IDMS System
- Cost savings due to identification of anomalies resulting in repairs and maintenance instead of replacement
- Notifications of identified safety issues to prevent shutdowns, catastrophic events or personal injury
- Compliance data collection & control of critical procedural execution in the field

