

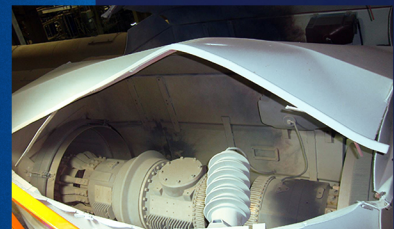
Getting It Right,
the First-time,
On-time...

Project Validation

EPR has a unique perspective having seen many domestic and international projects that finished poorly.

Often contractors complete projects with serious deficiencies that become fully appreciated only after remedy options expire.

Understanding the breadth and depth of the condition can be difficult. EPR is experienced in diagnosing, cataloging, and developing large-scale lists and expertly documented commercial claims.



Construction

Increasingly, construction labor is not craft labor. Contractors often fail to appropriately train, supervise, and assess field quality to produce compliant installations. EPR has repeatedly observed greenfield plants with systemic codes/standards/specification deficiencies, including:

- Instrumentation
- Coatings
- Electrical
- Steel & Gallery
- Piping & Supports
- Rotating Equipment
- Baseplates
- Civil
- Welding
- Cabling
- Electrical Equipment
- Boiler Erection

Commissioning

The most dramatic failures have been caused by poor cleaning and commissioning practices. Documentation records appeared impeccable, but deteriorated equipment conditions tell a story of plants "started" not "commissioned". In one case, major plant equipment had 15 years of wear, one-year after COD.

Quality Control

Ideally QC programs are utilized to "error trap" field problems and create improvement. While often true in developed locations, it's rare in developing countries. EPR has observed cases with perfect QC records, while the actual installation was effectively 100% defective. Trust, only after verification.

EPR can help...

Our Project Validation Service captures systemic new-facility problems that are difficult to fully recognize. EPR has experience assessing the hidden severity/breadth of the deficiencies and creating a binding record useful to prioritize/budget repair programs, negotiate warranty extensions, settlements, or a technical basis for legal action.

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ENERGY PROJECT RESOURCES