Asset Management Services
Maintenance Strategy Optimization

The tactical approach to preventive maintenance that mitigates risk while optimizing your maintenance investment.

Asset criticality

Asset criticality is a combination of:
- The likelihood of the asset’s failure
- The consequence of a failure
- (Optionally) the ability to detect the onset of the failure

An intelligence-based preventive maintenance program will direct your maintenance efforts and expenditure according to the criticality of your individual assets. The Maintenance Strategy Optimization consulting module focuses on specific asset failure modes (risks) and the tactical implementation of lifecycle asset management strategies that mitigate or eliminate those risks, while optimizing your maintenance investments.

Maximize your business benefit!

Development of maintenance strategies that are focused on sound reliability practices will reduce operational, environmental and safety risks, as well as optimize cost and asset performance. The end result is a set of maintenance strategies that are specifically focused on the most likely failure modes of critical assets, based on a sound engineering analysis, a technical justification, and a cost/benefit analysis.

* Prerequisites:
  a) Some effective form of asset criticality evaluation should already be in place.
  b) Asset performance / failure history data should be available for review.
Proven methodology

Our service delivery methodology is a performance-proven, four-step process that yields results.

1 Prepare
- Determine scope & objectives; identify key contributors
- Review available policy, procedural and organizational documentation

2 Execute
- Training on asset risk identification and maintenance strategy
- Workshop to define criticality and the relative criticality of organizational assets:
  - Identify specific asset failure modes (risks) along with the likelihood and consequences of their occurrence
  - Identify lifecycle asset management strategies such as condition monitoring, predictive and preventive maintenance, etc., that focus on the least-intrusive, most-applicable, and most cost-effective means of mitigating those risks

3 Recommend
- Workshop will produce specific strategies for the various asset classes

4 Review and follow up
- Follow up to review results and progress

More information

For more information, contact your account executive or info.pges@abb.com.