ABB Ability™ Life Cycle Assessment for induction motors

Mitigate life cycle management risks
Not all the motors in a plant require the same kind of attention. Different life cycle phases, different operating conditions and the criticality of the application influence the actual maintenance needs.

The ABB Ability™ Life Cycle Assessment service takes all of this into account to recommend the appropriate maintenance actions for each motor to ensure uninterrupted operation.

Informed life cycle assessment report
ABB experts map and assess all motors based on age, criticality of application, operating environment, business impact and service history.

A detailed life cycle assessment report shows the motors’ status, life cycle phase and criticality. It includes recommendations for spare parts, upgrades and replacements and assigns maintenance priorities.

With ABB Ability™ Life Cycle Assessment all information needed to plan maintenance for an entire motor fleet in advance, is readily available. This optimizes the service schedule and budget, and ultimately increases production uptime.

Benefits
• Higher uptime
  The life cycle assessment takes the criticality of the motors into account and highlights applications which require attention to avoid unplanned downtime

• Optimized service budget and schedule
  The maintenance actions for an entire motor fleet can be planned in advance resulting in less interruptions to the production process

• Empowered decision making
  Detailed knowledge about the status of the motor fleet enables informed decisions about maintenance priorities and investments
**ABB Ability™ Life Cycle Assessment process**

**Product registration**
Before any assessments can be done, assets to be assessed need to be registered in MyABB [myportal.abb.com](http://myportal.abb.com). During registration, the asset criticality is defined and customer identification and application data are entered.

**Creation of life cycle inventory**
A local ABB technician carries out an on-site appraisal of the motors and collects all data including age, location, business impact, operating environment and service history.

**Analysis of life cycle impact**
ABB’s extensive domain knowledge and experience is utilized in the analysis of the gathered data to produce a comprehensive picture of the risk and criticality of the technical infrastructure.

**Assessment and recommendations**
ABB provides a detailed report on the status of the motors. The report highlights critical assets requiring attention and includes recommendations on maintenance priorities, spare parts, upgrades and replacements.

**Planning of maintenance activities**
The ABB Ability™ Life Cycle Assessment report provides the information needed to plan future investments and maintenance activities better, along with the related schedules, budgeting and execution.

For more information, please contact your local ABB representative or visit:

[new.abb.com/motors-generators/service](http://new.abb.com/motors-generators/service)

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