

Industrial^{IT} Web Imaging Solution Site survey



A site survey should be performed if the condition of the Web Imaging system is not known well. The survey is performed when the paper machine is in operation.

The survey results are recorded in a detailed report containing information of the present condition of the system and its ambient conditions and recommendations for immediate improvement actions to achieve maximum system capabilities.

The objective of the survey is to create a long-term systematic preventive maintenance program that is based on the survey results and the product specific maintenance schedule.

A Site Survey offers unique benefits

- Knowledge of real system and environmental conditions
- Definition of the required service material for preventive maintenance
- True awareness of maintenance resource needs
- Powerful pre-planning for preventive maintenance
- Information for long-term systematic maintenance program
- Proposal containing different options for future system development
- Evaluation of current maintenance procedures
- Information about the spare part and support availability

Service provides preparatory actions, on-site actions and reporting

Preparatory actions

- Studying the maintenance history of the system
- Checking the system details
- Preparing the reporting templates
- Evaluating the needs for customer training

Actions on site

- Inspection of the detection beam and other peripheral devices under normal operating conditions
- Checking of parameter settings and adjusting them if necessary
- Auxiliary voltage measurements
- Simple and little time-consuming repairs are performed if possible when the paper machine is running
- Defining the system maintenance needs

Reporting

- Statement about the condition of the Web Imaging system
- List of recommended spare parts
- Recommendations for the next inspection or maintenance
- Recommendations for possible corrective actions or future system development
- Detailed record of inspections, faults and fixed defects
- Statement about the life cycle phase of the system

System information for site survey

Smoothness of the site survey progress depends on the quality of the information recorded on the service reports provided by the system owner.

Preventive maintenance

ABB recommends an annual inspection and regular preventive maintenance to be carried out to ensure optimum Web Imaging system performance through its entire lifetime.



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