



MPMS Maintenance Painting Management System

The Brock Group offers facility owners a proven approach to maintenance painting that continues to evolve as technology improves and industry and customer needs expand. First developed in the 1970s, MPMS has evolved over time to a computer-driven management tool providing guidance on selection of projects, specifications and expenditure justification.

Philosophy

MPMS involves systematic monitoring of substrate conditions to develop a long-range plan and short term "rolling schedule" selecting work to be performed, including targeting sufficient square feet annually to address "migrating steel" degrading to an unacceptable condition.

Painting complete areas, called "block painting," minimizes mobilization, rigging, protection, and clean up costs. In addition, the most cost-effective approach is determined by setting a long-term goal to schedule all painting work at the optimum time in the coating life cycle.

The MPMS approach involves proposing a plan to methodically address each condition, from advanced to optimum, over specified periods, taking advantage of lower costs and covering more square feet.

Value of MPMS

Protect plant from corrosion-related incidents and costs:

- Protect critical operations and safety components
- Prevent corrosion that could cause releases, shut-downs, injuries or evacuations
- Prevent need for structural repair
- Eliminate the need for abrasive blasting

Customization

The MPMS program is designed to meet the facility owner's coatings and fiscal needs, including scheduling, budgeting and cost tracking by division, cost center, business team, or any other entity within the plant.

The weighting, or relative importance, of the schedule value evaluation criteria is designed with input from the owner representatives. This provides a work selection process that reflects the specific objectives of the plant.

The program is also flexible, adjusting the schedule for changing economic times, unanticipated degradation of conditions, turnaround schedules, customer tours, better than expected performance of coatings, unit decommissioning, etc.

Plan for the wisest use of painting expenditures:

- Schedule work at most cost effective time
- Schedule "Block Painting" for work efficiencies
- Schedule mixed work types, scopes and conditions
- Improve overall conditions of the plant
- Enhance the appearance of the plant

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