



## MPMS SERVICES

The Maintenance Painting Management System provides:

1. A survey of plant facilities to accomplish the following:
  - A. Boundary survey of plant to establish "blocks, sub-blocks, and sections"
  - B. Defined scopes of work
  - C. Condition Analysis of previously painted surfaces
  - D. Schedule options for five years
  - E. Budget Estimate by "section"
  - F. Specifications by environment within the plant
  - G. Total square footage of each "section"
2. All necessary labor, materials, equipment, and supervision to perform this work.
3. Application records
4. A complete quality control program
5. A professional safety program
6. Continuity of management and supervision
7. Productivity measurements
8. Material testing programs
9. Historical data pertaining to the work, including productivity, application, quality control, material testing and safety, maintained at the plant site and available to Tampa Electric Company designated authorized personnel.



## SCOPE

### A. Inclusions

Within the selected scope of work, the following is included:

1. Carbon steel surfaces, including:
  - Piping and valves
  - Structural steel
  - Miscellaneous steel
  - Ladders, handrails, stairs, walkways
  - Tanks, vessels, exchangers
  - Mechanical equipment (pumps, motors, blowers, compressors)
  - Electrical equipment
  - Boilers and stacks
2. Galvanized surfaces in deteriorated condition, including:
  - Conduit and piping
  - Structural steel
  - Ladders, handrails, walkways

### B. Exclusions

1. Non-carbon steel surfaces - stainless steel, aluminum, plastic, tile, fireproofing
3. Insulation - jacketing (unpainted), foam, mastic
4. Inaccessible areas - below grade piping, items within 12" of water lines in clarifiers, ponds, etc., back to back angles, tank and vessel interiors, skirt interiors.
5. Galvanized surfaces in good condition (unpainted)
6. Grating, unless weathered and rusted.
7. Exposed surfaces in insulated piping or equipment
8. Mobile equipment, unless noted
9. Cable trays and conduit