



KTA-Tator, Inc.

www.kta.com

Evaluation of current coating conditions and predicting future maintenance needs require the services of a coatings professional. That professional must be armed with the most advanced tools in the industry to develop accurate, dependable and comprehensive results and recommendations. **Why KTA?** KTA has developed a maintenance painting management system that incorporates hundreds of man years of expert coatings knowledge and an advanced computer software system **developed by KTA** called the **Coating Assessment and Painting Priority System** or **KTA CAPP® System**.

What Is the KTA CAPP® System?

The KTA Coating Assessment and Painting Priority (CAPP®) System is a computerized maintenance painting management tool designed for organizing the maintenance painting of chemical facilities, refineries, water and waste treatment plants, pulp and paper mills, power plants, manufacturing facilities, transmission towers, DOT jurisdictional piping, petroleum distribution facilities, industrial facilities, tanks and bridges. It is a comprehensive management system with a proven track record.



What does the CAPP® System Do?

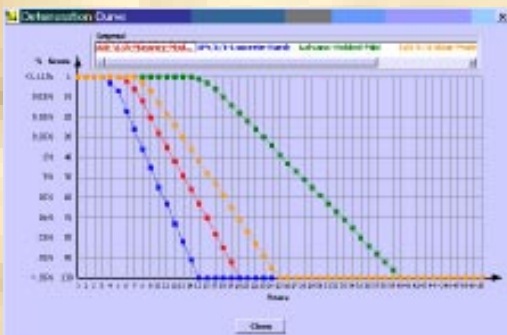
It answers the following questions to assist in the planning of maintenance activities:

- What to paint?
- When to paint?
- What painting strategy to use (touch up, overcoat, remove/replace)?
- What to specify (surface preparation and paint systems)?
- How long it will last?
- How much it will cost?

How Did it Evolve?

Maintenance painting surveys were initially developed by KTA in the 1950s. Decades of KTA coating condition survey experience, cost estimating, and maintenance planning served as the basis for computerizing the process in 1989. Since then, the CAPP® System has undergone improvements and revisions, including a comprehensive updating of the computer program in 2003.

Coating Performance Curves



Coating Assessment and Painting Priority
THE KTA CAPP® SYSTEM

What information does the KTA CAPP® System offer Clients?

- ◆ Complete Component Itemization
- ◆ Structural Component Inventory
- ◆ Coating Condition Assessment
- ◆ Generic Coating Type Determination
- ◆ Hazardous (Lead) Paint Inventory
- ◆ Risks of Recoating Existing Systems
- ◆ Prioritization According to Need
- ◆ Tracking Coating History
- ◆ Costs of Painting
- ◆ Cost of Delaying Painting
- ◆ Recording Associated Information

One of the functions of the KTA CAPP® System is to evaluate the condition of the current coating. The KTA CAPP® System utilizes specially prepared photographic standards to assess (grade) the coating condition.



Examples of typical photographic standards.

For the first few years of maintenance painting under the KTA CAPP® System, the items containing the most severely deteriorated coatings are weighted more heavily so that those portions of the plant or structure are assigned a higher priority. After a few years of carefully planned painting, the priorities are shifted to place greater emphasis on coatings that are in a localized touch-up condition. This is the ultimate objective of the KTA CAPP® System, to touch-up coatings before they deteriorate to the extent that a significant amount of surface preparation is required. By the time coatings appear to require repainting, it is often too late to accomplish the touch-up economically because expensive surface preparation is required by that time. KTA, through the use of the KTA CAPP® System, can help predict this deterioration before it progresses too far, saving unnecessary expenditures.

The KTA CAPP® System can be customized for any industrial facility or structure and can be licensed from KTA for your company's use. For more information, contact KTA and ask to speak with a CAPP® specialist.

