# COATING SERVICES

Cost-effective protective coatings and linings program







Corrpro Companies, Inc., a leading provider of corrosion control services, offers a full range of consulting inspection and engineering services for the corrosion control industry. Our fully qualified staff provides coating services, corrosion monitoring, cathodic protection, material selection and integrity monitoring through more than 30 operating facilities and warehouses worldwide.

## **Coating Inspection Services**

Corrpro has a staff of coating inspectors with various industry standard certifications including NACE, SSPC and specialty certifications. Independent inspectors perform the following:

- Inspect pre-cleaning operations and surface preparation
- Monitor ambient conditions
- Test for non visible contamination
- Measure dry film thickness of each coat
- Monitor containment structures
- Produce daily inspection reports
- Document all processes
- Assure specification requirements are met

Corrpro inspectors keep facility engineers aware of the process and technical integrity of the job so engineers can focus on their other duties. Furthermore, our inspectors are available to serve as an independent mediator to resolve any conflicts that may arise between the owner, contractor, material supplier and other parties.

Most coating failures are attributed to deficient surface preparation and/or application. The unit cost of repair is normally significantly higher than the original coating application unit cost and frequently results in lower quality due to adverse application conditions. This analysis does not include the potentially staggering cost of downtime and loss of facility production. Corrpro's coating inspectors vastly increase the probability of achieving a successful coating application that provides protection for the design life of the system.

An ISO 9001:2008 Certified Company (U.S.)



## COATING SERVICES

### **Expert Witness**

Corrpro's senior personnel are available for expert witness testimony and consulting on any corrosion-related problem. Our staff is comprised of some of the most recognized names in the corrosion control industry.

#### **Coating Condition Surveys**

Either in conjunction with our maintenance painting programs or as stand-alone service, Corrpro engineers can conduct a thorough assessment of the condition of your coated structure or facility. Our expertise encompasses the following:

- Tanks
- Process vessels and equipment
- Piping
- Onshore and offshore facilities
- Buildings
- Transmission towers
- Bridges

Our multidisciplinary approach to conducting these surveys allows us to extend our analysis to include a complete assessment of the structure condition and rehabilitation options. For structures in remote locations where accessibility is the critical cost element, we can send a survey team trained in multiple material preservation surveys, e.g. coatings, cathodic protection, NDT, general corrosion assessment, etc. Having one team conduct multiple surveys can significantly reduce the cost of surveying facilities such as offshore and remote transmission towers.

#### **Maintenance Painting Programs**

Corrpro has developed advanced methodologies for optimizing your facility's maintenance painting. Using our proprietary analysis techniques, our engineers can prioritize your coating needs and design a program so that the coating will be maintained at the desired condition with the lowest lifecycle cost. We will prepare specifications for bidding and manage the maintenance painting program if required.

#### Research, Testing and Evaluation

Ocean City Research Corporation, a subsidiary of Corrpro, is recognized as a leader in coatings research. Since the 1960s, we have been solving the toughest coatings and corrosion problems for the Navy, Army, Federal Highway Administration and hundreds of private-sector clients. Our recent research on new technology coatings and lead paint removal technologies is available through a number of published reports and technical articles.

#### Failure Analysis

As a leading corrosion engineering firm with expertise in all aspects of corrosion control, Corrpro can objectively investigate a failure that may involve coatings, cathodic protection and/or material selection issues. Our engineers will determine the cause and impact of failure as well as make recommendations for rework, repair or replacement in accordance with the best available technologies.





## **Program Specification Development**

Comprehensive specifications address numerous factors complicating painting projects today. The specification process includes more than just writing a specification. Corrpro also helps develop bid lists, conduct pre-bid meetings, respond to pre-proposal questions and assist in bid evaluations.

Our experts will develop specifications, budget estimates and bid application packages. We will also assist with hazardous material storage and handling issues as well as lead, health and safety plans.

#### **Training**

A properly trained staff will appreciate the intricacies of coatings and corrosion control technologies as they relate to specific structures or applications. Corrpro will customize a training program for the specific needs of your organization. We have conducted training programs ranging from half-day overviews of a specific topic such as lead paint removal to week-long programs covering all aspects of corrosion control as they apply to the power industry. Our marine and industrial coating inspection training package is a concise information-packed two-day course ideal for anyone interested in improving the quality of surface preparation and coating application.

# A leading source for complete corrosion protection

Corrpro is a single-source for complete corrosion control for all types of structures in diverse global environments. Corrpro is comprised of dedicated corrosion professionals, state-of-the art research and testing laboratories and manufacturing plants producing high-quality corrosion control materials. We offer clients innovative and cost-effective solutions to their particular corrosion problems, long-term solutions generated from intelligent engineering, advanced research and a broad range of products and services--all directed toward the preservation of the world's energy resources, infrastructure and the environment.



866.CORRPRO 800.661.8390 44.1642.614106 966.3.802.7009 United States Canada Europe Middle East

www.corrpro.com