



Corrosion Prevention Inspection brings trusted leadership and experience as full-service corrosion related quality assurance experts. We offer distinguished performance and uncompromised integrity to deliver desired results.

Technical Assessment and Consulting:

Prior to beginning field construction, CPI professionals offer the following services. The goal is to ensure the effectiveness of resources and effort.

Project Pre-Planning–

CPI assists clients with project pre-planning services. This includes a technical assessment and evaluation of current conditions as well as recommendations for project approach for possible of corrosion protection plan(s) or system(s).

.Technical Assessment and Evaluation Services –

CPI tests and evaluates current coating or cathodic systems, providing recommendations for maximization of resources and effectiveness.

Coating System Specifications Preparation

Clients benefit from detailed technical coating system specifications which directly match project requirements, parameters and performance requirements. Specifications may be prepared directly by CPI or in coordination and cooperation with owners, architects and engineers connected to the project.

Cathodic Protection Design Preparation

Custom designs of cathodic protection systems are developed by a CPI's NACE (National Association of Corrosion Engineers) level-4 certified cathodic protection specialist. In addition to new system development, we are pleased to provide industry leading testing, evaluation and mitigation.

Technical Specification Review – (if specification already exists)

When specifications have been developed, CPI is pleased to provide a technical review of the project specifications and contract documents to make recommendations of suggested changes to approach or specification details. It is recommended that this occur prior to the documents being sent for bid. This helps avoid potential change orders and/or impact to project schedule and performance.



Quality Assurance and Control (field services)

Effective and vigorous quality assurance and control is fundamental to the success CPI clients experience. Knowing that cutting corners and simplifying procedures to save money can influence the performance of even the most competent contractors, our philosophy is that vigorous and constant accountability is critical. The following services are among those which CPI offers to clients during a project.

Initial assessment –

CPI will evaluate the existing condition of the substrate and condition of the site including the current coating system, cathodic protection system and welds. This may also include review of project specifications.

Pre-Construction Quality Assurance –

Upon conclusion of initial assessment of the project, CPI will offer recommendations to minimize challenges and risks to project success. This is done in conjunction with the review of the specific coating process plan for the project as well as relevant contract documents.

On-Site Coating Testing and Inspections –

CPI brings experienced eyes and ears to the field. A NACE Certified Inspector will be on site at all times that the work is being performed – this begins from the commencement of work. It is our experience that full on-site inspection is fundamental to success. This approach ensures the best product application and optimum system performance.

Cathodic Protection Field Testing and Maintenance –

Cathodic protection maintenance programs are designed by CPI to review system performance and current corrosion control. These are designed by industry leading professionals with the highest certifications in the field (NACE level-4 Cathodic Design).

Weld Inspection and Testing –

CPI weld inspectors are certified weld inspectors (CWI) through the American Welding Society (AWS). Most state structural specialty codes require weld inspection by certified CWI weld inspectors. Several of CPI's inspectors are both NACE Certified Coatings Inspectors and CWI Certified Weld Inspectors, allowing for improved project efficiency and potential cost savings opportunities.

Contractor On-site Technical Training –

CPI can provide on-site technical training to owner and contractor staff specific to the coating process and coating system selected for use on the project.



Project Management and Oversight:

CPI's registered professional engineer and experienced project managers effectively represent the interests of the owners, architects and engineers involved with the project. The CPI management team brings over 100 years of combined experience to clients. The knowledge base and skill in procurement, scheduling and subcontract management serves clients well. CPI works diligently to ensure that all work is performed in direct alignment with the contract documents and approved submittals.

In-Service Dive Inspection:

In-service dive inspection saves down-time, thousands of gallons of water and money. Valuable information regarding the current status of the interior coating of water tanks can be gathered without emptying the tank. All dives are completed in accordance with AWWA (American Water Works Association) requirements.

Failure Analysis:

A CPI NACE certified inspector will maximize in-field assessment methods and utilize a wealth of experience and expertise to determine the cause of a failure. In this process, we review of all documentation (specifications, contract, field reports, etc.). When necessary, samples will be sent to a lab to provide further explanation into the root cause of the failure. Experienced staff will interpret results to determine the cause of the failure.