

# Ocean City Research Corporation

*Corrosion engineering and materials solutions*

ENERGY & MINING



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An Aegion™ Company

The Ocean City Research Corporation (OCRC) has been actively involved in corrosion engineering and materials issues since 1963. Our staff members have degrees in several engineering fields as well as NACE certifications. This diverse knowledge base provides solutions incorporating all aspects influencing corrosion, coating or material selection. In addition, the environmental group at OCRC is knowledgeable about the latest requirements and solutions affecting materials engineering and corrosion control.



Our testing facilities contain all of the coating application, qualification, and inspection capabilities your research and evaluation program requires. Onsite surface preparation and coating capabilities ensure quality results in all programs. Our laboratory, coupled with the machine and tool shop, is capable of fabricating samples of almost any intricacy and detail. We can also perform a wide variety of standard corrosion tests for technical and military organizations.

## Services Offered

As a member of Corrpro Companies, Inc., one of the largest corrosion engineering and materials firms in the world today, OCRC offers services through regional offices located coast-to-coast in the United States and internationally. These services often supplement Corrpro's ongoing design efforts.

Ocean City Research Corporation has served clients in the public and private sectors. Programs have included protective coating specifications, contract laboratory testing, management service contracts on cathodic protection products and pilot plant construction and operation for analysis of critical corrosion problems. Services include:

- Engineering design: cathodic protection, coating specification and material selection
- Contract research and testing
- Regulatory impact and compliance assessment
- Pilot plant and side-stream studies
- Field inspection of client projects
- In-situ corrosion rate monitoring
- Pollution prevention analysis

## Selected List of Clients

Over the years, Ocean City Research Corporation has served a wide variety of clients including:

- 3M Company
- Avery-Dennison
- BASF
- Exxon Mobil
- Federal Highway Administration
- General Electric Company
- National Cooperative Highway Research Program
- Pipeline Research Council
- Rohm and Haas
- U.S. Army
- U.S. Marine Corps
- U.S. Navy

## Natural Marine Exposure Facilities

Our marine atmospheric exposure test station provides an ideal environment for weathering and exposure testing of coatings, metals, laminates, composites or any material or exterior building product meant for use in a harsh outdoor location. Our test station is located 100 yards from the mean tide line of the Atlantic Ocean and bordered by Ludlum's Bay. The test site provides a natural Northeastern sea coast exposure zone typified by high humidity, high time-of-wetness, high winds, salt laden air, freeze-thaw cycling and a generally corrosive environment.

Samples are mounted in any direction or orientation as requested. Accelerated corrosion through daily application of natural seawater is available. Static and dynamic (operating) exposures are available to fully evaluate and replicate your service conditions. Exposures from several months to 20+ years and on-going at our test station.



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