Outdoor Gantry for Marine Environment

INDUSTRY: Marine
APPLICATION: Maintenance Crane
PRODUCT: Custom Outdoor Double Girder Gantry Crane
SERVICES: Design, Installation, Quality and Load Testing

THE CHALLENGE
To provide the customer with a freestanding crane to be placed over an outdoor training pool located in a saltwater and high wind environment. Corrosion of equipment and exposure to high winds impairs operation and compromises safety.

THE SOLUTION
A crane with non-corrosive parts that would include safety considerations for wind and harsh weather.

THE RESULT
American Crane designed, manufactured, tested and installed a 60 ton (5 ton aux. hoist) crane with an operator’s cab that included special anti-corrosive paint, components, and seals. In addition, other anti-corrosion precautions were taken in areas of the crane that may pool with water. A wind speed indicator was installed, as well as specially designed wind locks to secure the crane in the event of a hurricane.