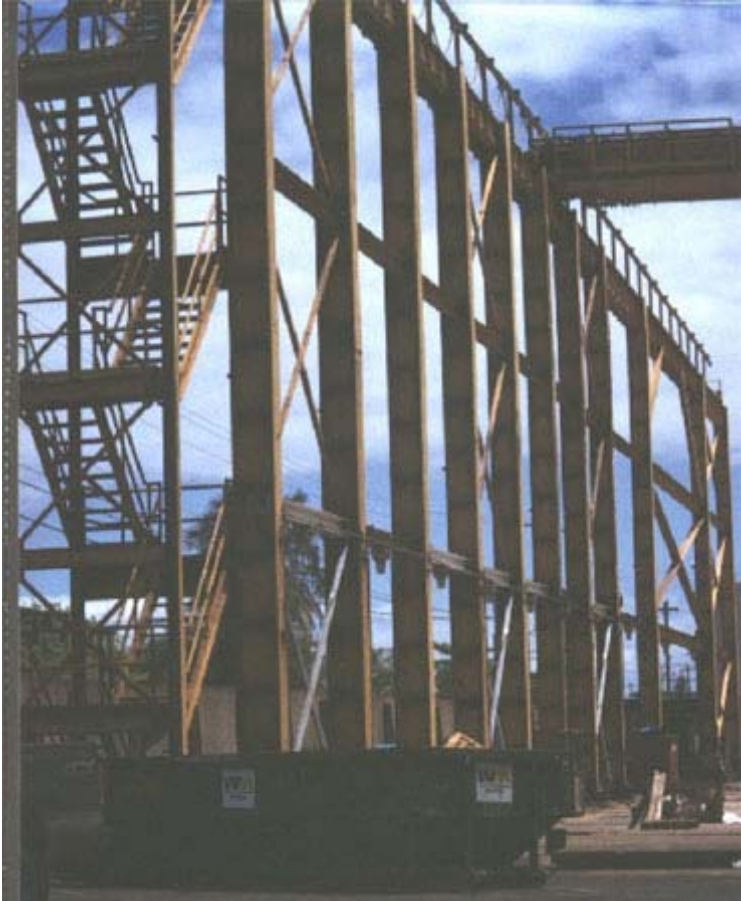




PROJECT PROFILE

PROJECT: STRUCTURAL STEEL CRANE PROTECTION

The Problem



The crane at the Palo Seco plant operates in an extremely corrosive environment - high humidity, salt air, extreme UV attack and ambient temperatures of 90°F. This crane services the main intake pumps and traveling screens at the facility and has been “painted” many times over its life all of which have failed within one year of application

Surface preparation is a challenge because the structures are right on the ocean and no contaminants are permitted to fall into the ocean water.

The Solution

The vertical columns are severely corroded up to approx. 10 feet. These columns were “tented” and grit blasted to remove all corrosion products. One coat of Corro-Tech GP was applied immediately after blasting. The high operating temperatures presented challenges with over-coating windows. To overcome that, we applied a coat of Corro-Tech MC primer directly over the Corro-Tech GP

On the balance of the structure, manual surface preparation was sufficient to remove pockets of corrosion. Again, Corro-Tech GP was applied followed by a coat of Corro-Tech MC Primer.

