

**Location:**  
BAKERSFIELD , CA

**Date of Application:**  
July 2011

**Market:**  
Petrochemical

**Substrate:**  
Steel

**Surface Prep:**  
SSPC-SP 5 (White Metal Blast)

**Exposure:**  
Immersion, Chemical

**Gallons:**  
335.0

## Oxy Free Water Knock Out Vessels

### **Area Coated: External**

- First Coat: Carbozinc 11 HS
- Second Coat: Carboguard 890
- Third Coat: Carbothane 134 HG

### **Area Coated: Internals**

- First Coat: Plasite 4110

### **Project Description:**

Internal and External of Free Water Knock Out vessels as manufactured by PCL Tank Division Bakersfield CA. Shell Thickness 7/8" Heads 1" .

### **Project Challenge:**

Due to the large size and weight of these vessels they needed to be coated outside of a booth. Due to the recoat and surface temperature requirements of Plasite 4110, precautions needed to be taken to not exceed a skin temperature of 120°F. The Vessels were shaded and the upper temp limits were avoided.

The vessel internals were also coated in two lifts, the top ½ was done first while the bottom ½ was completely masked from contamination.

### **Coating Selection Explanation:**

As per Engineer's Call Out.

