

## COVAC COMPLETION REPORT

Client	-	<b>Soft Drink Manufacturer</b>
Address	-	<b>Scotland</b>
Site Contact	-	<b>XXXXXXXXXXXXXX</b>
Project Brief	-	<b>The Internal Relining of 1 No. Steel, Water Retaining Structure - 2 No. Compartments</b>
System Specification	-	<b>COPON Hycote 165PW Solvent Free Polyurethane.</b>
Nominal Dry Film Thickness	-	<b>1000 Microns</b>
Completion Date	-	<b>21<sup>st</sup> January 2005</b>
Site Supervisor	-	<b>Tim Ray</b>
Report Prepared by	-	<b>Adrian Emmett</b>
COVAC Contract Ref:	-	<b>376</b>



## **SUMMARY OF WORKS**

### **The Brief**

The structure is located externally within the grounds of the site at ground level and sized at approximately 64' x 20' x 20'. There is an internal divisional wall which divides the structure into 2 No. compartments, each sized at approximately 32' x 20' x 20'. The structure also has an apex on the roof and the internal divisional wall does not reach the top the apex. This means that there is a gap at the top of the tank. If we can only work on one compartment at one time, this gap will be boarded up in order to prevent the potential of 'cross contamination' whilst one compartment is being worked on.



The internals of the structure have previously been painted with Bitumen, which has now approached the end of its useful life due to sub-film corrosion, deterioration and subsequent de-bonding.



# **SECTION NO. 1**



**These photographs show the external of the tank and our equipment and storage set up.**



**These photographs show the internals of the tank having been drained of water and prior to any preparation works.**





**These photographs show the internal surfaces of the tank having been prepared by means of dry abrasive blasting technique.**



**These photographs show all weld joints, sharp edges, struts, etc having been 'stripe coated' by brush.**





**The above photograph also shows the wooden boarding required in order to prevent cross contamination of the two tank compartments whilst the preparation and re-lining was taking place.**



**These photographs show the 'stripe coating' being overcoated with one full coat of 165 PW being applied through twin component, hot applied specialist spray equipment.**



**These photographs show the internal surfaces of the tank having been completely re-lined with COPON Hycote 165 PW Solvent Free Polyurethane utilizing, twin component, hot applied, specialist spray equipment.**





## **SECTION NO. 2**



**These photographs show the internals of the tank having been drained of water and prior to any preparation works.**



**These photographs show the internal surfaces of the tank having been prepared by means of dry abrasive blasting technique**















