

## COVAC COMPLETION REPORT

Client	-	<b>Science and Business Park</b>
Site Address	-	<b>Oxfordshire</b>
Project Brief	-	<b>The Internal Refurbishment of 1No. Steel Hotwell Tank</b>
System Specification	-	<b>COPON Hycote 175 High Performance Solvent Free Coating</b> <i>Now known as 3M Scotchkote™ 175</i>
Nominal Dry Film Thickness	-	<b>600 Microns (0.6 mm)</b>
Completion Date	-	<b>17<sup>th</sup> August 2007</b>
Site Supervisor	-	<b>Tim Ray</b>
Report Prepared by	-	<b>Craig Phillips</b>
COVAC Contract Ref:	-	<b>620</b>

## SUMMARY OF WORKS

### The Brief

1No. Welded mild steel hotwell tank sized at approximately 2.4m x 1.2m x 1.5m and located xxxxxxxxxxxx.



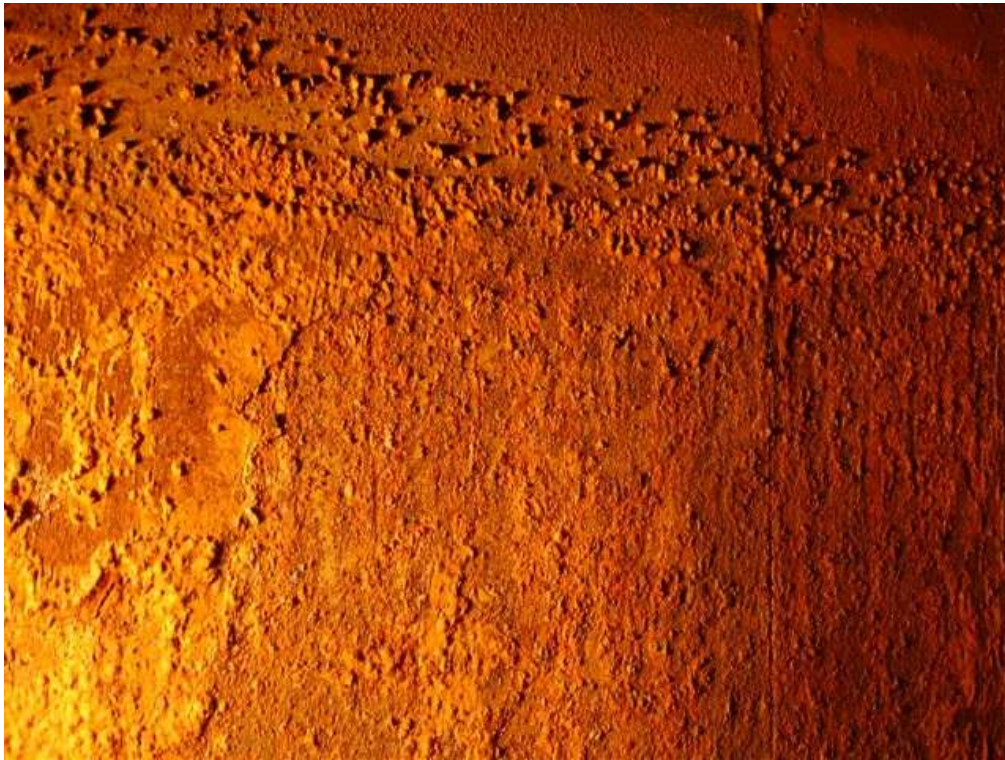
The tank was installed approximately two years ago. No internal protective coating that was applied was capable of withstanding hot temperatures experienced in hotwell tanks of this nature.

*We therefore, propose the following scope of works;*

### Mechanical Preparation

### Brush & Roller Application

**COPON Hycote 175 High Temperature Epoxy Coating.**



**These photographs show the internal surfaces of the tank having been drained of water but prior to any preparation works being carried out. As the photographs demonstrate, the tank shows signs of progressive surface corrosion.**



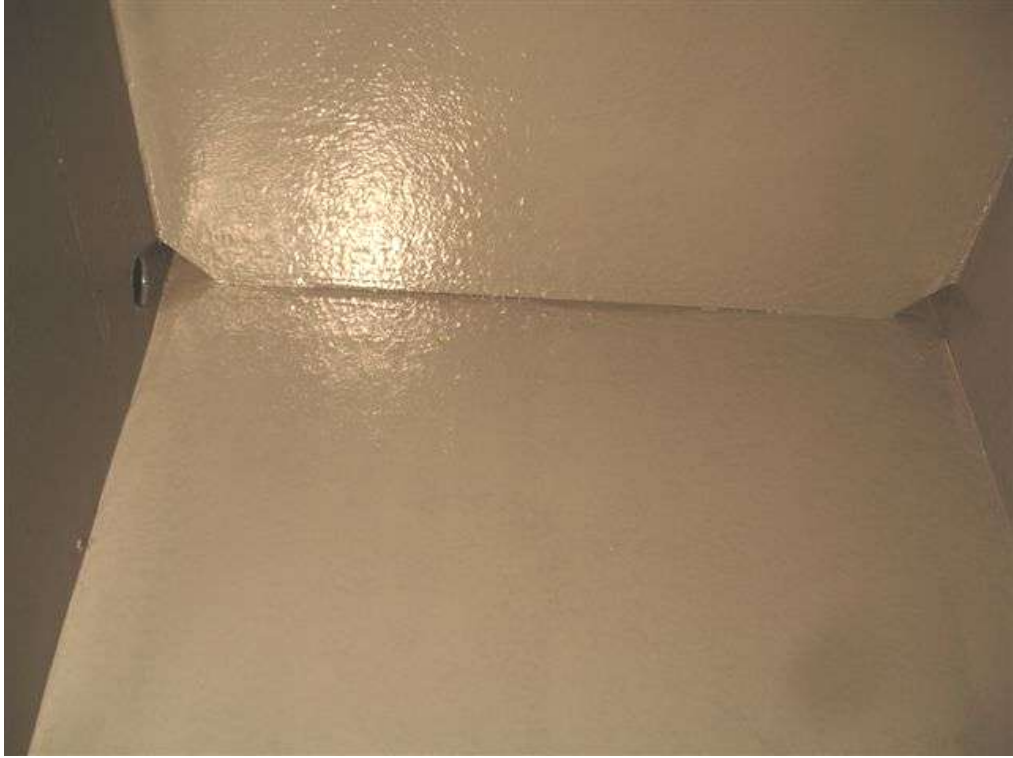
**These photographs show the internal surfaces, having been prepared by COVAC Operatives using dry Abrasive Grit Blast Equipment in accordance with the accepted Standard**

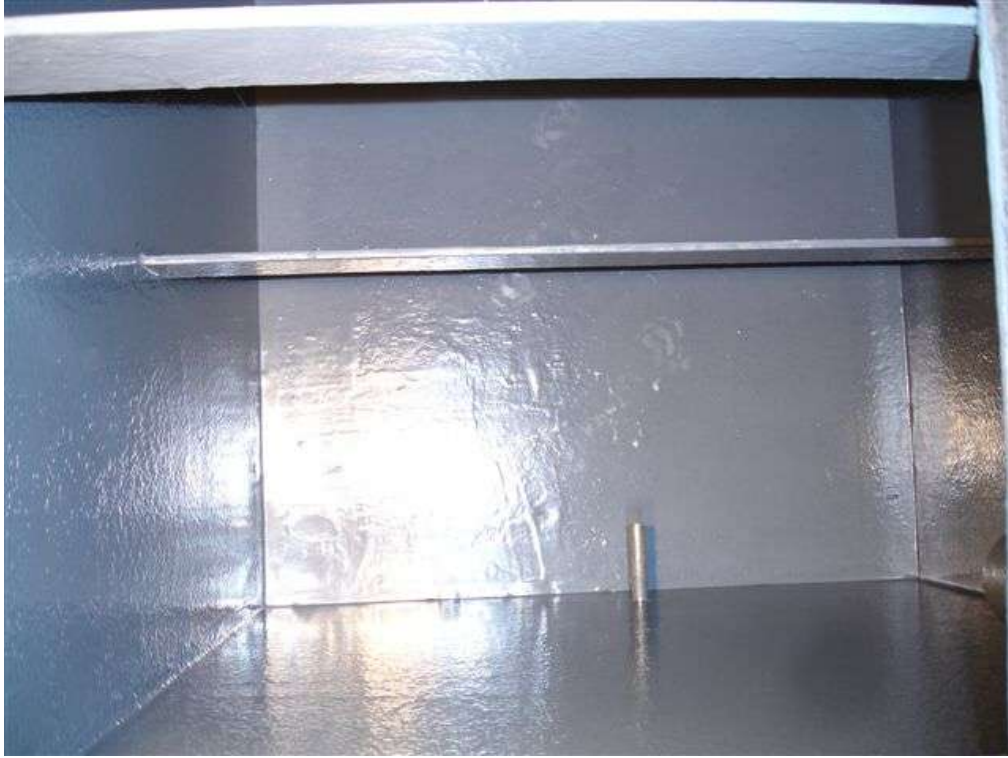


**All intricate areas of the tank were initially 'stripe coated' to ensure all areas were coated prior to the 1<sup>st</sup> full coat of COPON Hycote 175.**



**These photographs show the substrate of the tank having received its 1<sup>st</sup> coat full coat of COPON Hycote 175 (grey) High Performance Solvent Free Coating, by means of brush and roller to a nominal wet/dry film thickness of 300 Microns.**





The following photographs show the substrates fully coated with COPON Hycote 175 (grey), by means of brush and roller to a nominal wet/dry film thickness of 600 Microns and between 900 – 1200 Microns over all stripe coated / remedial areas.