

**CASE STUDY: RESERVOIR VALVE AND SHAFT**

**LOCATION:** YORKSHIRE, UK

**MARKET:** UTILITIES (Water)

**REQUIREMENT:**

This area was continuously damp and represented a confined area with difficult access. Preparation and coating work were therefore difficult and normal standards impossible to achieve. Long term performance was however required and coating had to have WRAS Approval for contact with potable water.

**SURFACE PREPARATION:**

Previously coated and corroded steel: hydrojetted and manually prepared to St2 standard of EN ISO 8501-1:2007 and then hydrojetted again to remove any further dust and contamination.

**COATINGS:**

WRAS approved system of Corroless EPF Buff and Corroless RF35 (2006) was applied. Stripe coating was applied where appropriate.

**WRAS Approval Number**1204534.

**PRODUCT:**

Corroless EPF Buff	<b>DFT</b> 200 microns
Corroless RF35 (2006) Grey	200 microns

**COMMENTS:**

Steelwork was inspected 3 years after application and the coating system was found to be giving excellent protection. A further inspection 8 years after application reported the coating was still in very good condition.

