

Internal Linings

Project Description:

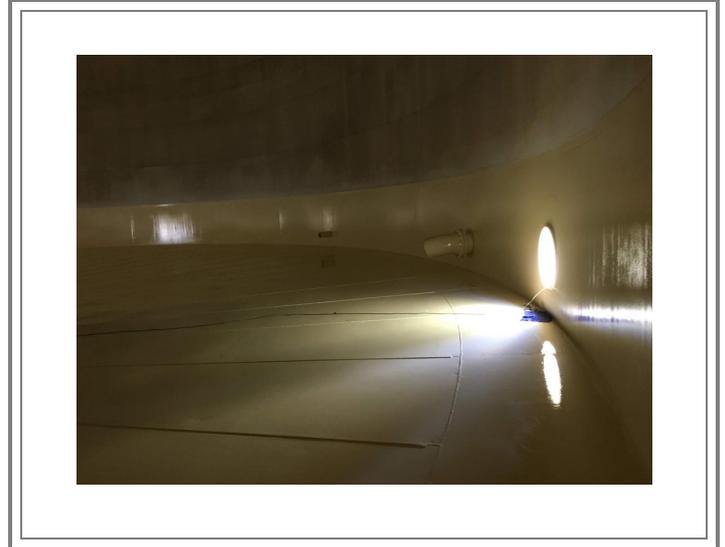
CT3 Tank at Gatwick Airport
Maintenance Painting 2019

Scope of Services Delivered:

- The internal lining works included floor plates, 2m up shell plates

Specification:-

- Grit blast to SA2 ½ standard
- Apply Interline 982 to 40 microns DFT
- Apply Interline 984 to 600 microns DFT



The tank lining was cleaned and gas freed by others prior to preparation and lining works.

Shell plates and pipework were open blast cleaned to the required specification by other experienced and trained operatives. The remaining floor area was track blasted to save time and reduce waste.

After each day of blasting the prepared areas were cleaned using industrial hoovers. The profile was checked with Testex Tape and a Micrometer. Testing from salts was also complete with a Brestle Sample Patch Kit. All areas were blast cleaned to SA2 ½ Standard and checked with a surface competitor.

The blast cleaned areas were then coated daily with Interline 982 to 40 microns DFT.

After a final clean down all primed areas received a stripe coat to all welds and sharp edges followed by 2 full coats of Interline 984 at 300 microns DFT.

Regular wet film checks were carried out during application and once the lining had cured dry film checks were carried out.

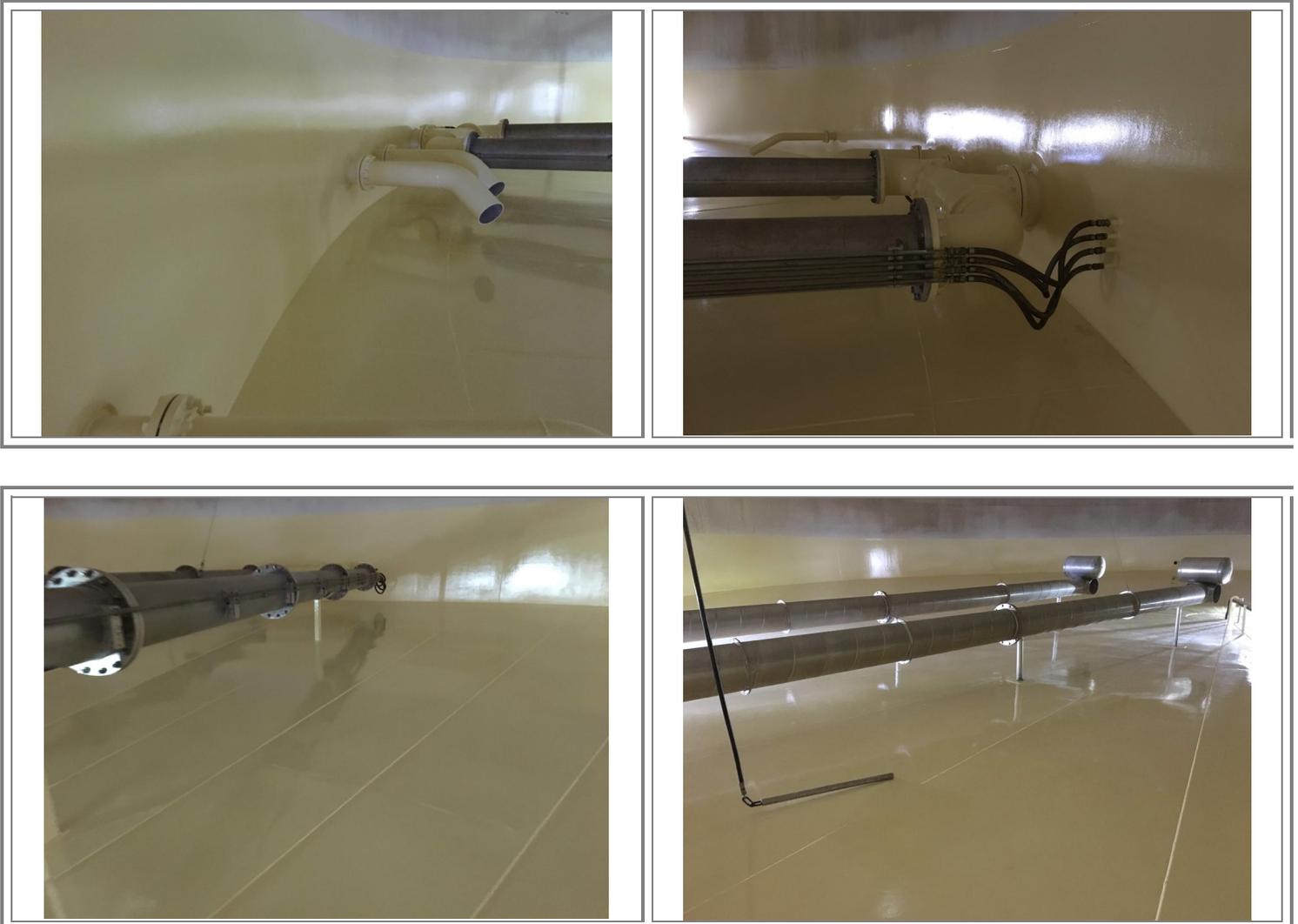
Conditions within the tank were monitored daily by our supervisor ensuring the temperature and humidity were within the required specification.

Heating and dehumidification were also used to aid conditions in the tank when required.

The tank was finally checked and signed off by a Level 2 Coating Inspector who carried out a spark test to check for pinholes and holidays. A rub test was carried out to ensure the lining was cured and fit for services.

We have teams of trained ICATS applicators all of whom have passed the Passport Safety Scheme and attended external confined space training courses.

Further photographs of completed works



We are also able to undertake bund lining works for many clients throughout the U.K.

Bund Lining

Secondary containment or banded containment areas are used to correctly store bulk stocks of liquids that could potentially contaminate the environment in the event of a spillage. Bulk storage vessels are located within a secondary bund containment area.

In many cases these catchment areas are capable of containing the spillage but have not been constructed or lined with a membrane that is fully resistant to the chemical or product stored within the vessels in the secondary containment area. SPG has a vast knowledge of the application of advanced coating systems for banded containment.

With the increasingly stringent environmental legislation it is becoming more important to ensure adequate protection of secondary containment structures.