



# FIBRWRAP®

Worldwide Specialised Contractors

FIBRWRAP CONSTRUCTION UK Ltd.

## Strengthening Structures | Protecting Lives Worldwide.



Transportation



Buildings



Pipelines



Waterfront



Industry



**Project:** Structural Repair of  
INEOS Enterprises, Salt  
Plant

**Location:** UK

**Client:** INEOS Enterprises UK

**Contract Duration:** 30 days

### Structural Repair of INEOS Enterprises, Salt Plant UK.

The "O" Evaporator facility at INEOS salt plant in UK is operational since the 1960's. The steel support columns of the facility had become heavily corroded to the base.

Fibrwrap UK offered a solution for the structural repair and protection of these columns using the Tyfo Fibrwrap Systems technology which had significant cost and time benefits for the client.

Instead of replacing or jacketing, the existing columns were repaired by wrapping with Tyfo Fibrwrap Glass (SHE-51A) and also with Tyfo Fibrwrap Carbon (SCH-41.5) systems with Tyfo S and TC epoxy resin.

The whole procedure included filling of the columns with cement based grout and hydro blast cleaning of the FRP surface area.

The whole project was completed in 30 days with only a planned 3 days closing of the facility for the process of filling the columns with the cement grout. The Tyfo Fibrwrap Systems were applied in only 5 days and the facility was fully operational.

### Scope of Works:

- Structural Repair and Protection of four hollow circular steel Support Columns



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