



Structural Specialities
& Projects (India) Pvt. Ltd.

Structural Repair & Strengthening Work of various Structures of Petrochemical Plant at Turbhe, Navi Mumbai



Industrial Plants & Factories

Structure Details

Structural Repairs & Rehabilitation work of various structures including R&D Building, Warehouse structure, Laboratory Buildings, 35m Height Overhead Water Tank.

Brief Scope of work:

- Bad / damaged concrete was removed and corroded steel was cleaned. Provided Corrosion Inhibitor treatment and further coated with anti corrosive treatment to provide protection from chloride ion penetration, carbonation and weathering effects
- Reinforcement supplemented where effective dia. was reduced substantially.
- Lost sections in cover zone were rebuilt using pre-packed PMM over weld mesh and Epoxy bond coat.
- Micro-concrete Jacketing for Structural Strengthening
- Injection of Low Viscous Epoxy Grouting, Cement Grouting
- Civil works including PCC / RCC Works, Brick work & Plaster
- Waterproofing using APP Membrane, Brick Bat Coba, Specialized Chemical WP
- Anti-Carbonation Protective Coating

Project Highlights

- Highly inflammable material carrying utility services lines are laid all over the plant. The Repair job was executed with entire plant operational and with close co-ordination with operational facilities with utmost SAFETY precautions at all time.
- SSPI Team has successfully executed the project in time and quality and with ZERO accidents / LTI.

Client

Lubrizol India Pvt. Ltd.

Period

2015-16

Key Items of work

Structural Repair work
using Ready mix PMM

Micro concrete
Jacketing

Injection Grouting

Waterproofing Works

Anti-carbonation
Protective Coating