



Structural Specialities
& Projects (India) Pvt. Ltd.

Repair & Strengthening of Cement Plant Structures at Jamul, Chhatisgarh



Industrial Plants & Factories

Structure Details

Repairs & Strengthening of Cement Plant Structure including 16 no. of Cement Silo, 2 no.s of Clinker Silo's at Jamul, Chhatisgarh

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 polymer bond coat.
- Carbon Fibre Wrapping, Micro-concrete Jacketing work for Structural Strengthening work
- Fabrication and Erection of Structural Steel
- PCC and RCC Works, Roofing and Waterproofing works
- Injection of Low Viscous Epoxy Grouting, Cement Grouting
- Anti-carbonation Protective Coating to external structures

Project Highlights

- The Repair job was executed with entire plant operational. The repair work was executed in co-ordination with operational facilities with utmost SAFETY precautions at all time.
- SSPI Team has successfully managed all the challenges and delivered the project within Stipulated time and quality and with ZERO accidents / LTI.

Client
ACC Ltd.

Period
2018-19

Key Items of work
Structural Repair &
Strengthening using
PMM & Micro
Concrete

Carbon Fibre
Wrapping

Injection Grouting
using LV Epoxy

Structural Steel
Fabrication

Anti-carbonation
Coating