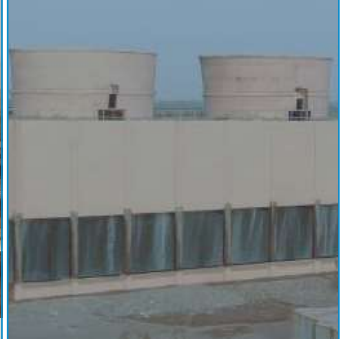




Structural Specialities
& Projects (India) Pvt. Ltd.

Repair, Retrofitting & Improvement of Cooling Tower & Other Structures of Thermal Power Plant at Akrimota, Bhuj, Gujarat



Power Plants

Structure Details

Repairs, Retrofitting & Improvement of 2 nos. of Induced Draft Cooling & other Structures of 2x125 Mw Thermal Power Plant at Akrimota, Bhuj, Gujarat

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.
- Application of High Strength Readymix Fibre Reinforced Shortcrete Mortar and Micro-concrete Jacketing to Strengthen the Structure
- Lost sections in cover zone were rebuilt using pre-packed PMM over weld mesh and polymer bond coat.
- Design Mix Concrete Work, Structural Steel work, Waterproofing work
- Injection of Low Viscous Epoxy Grouting, Cement Grouting
- High Build Anti-corrosive Coal tar Epoxy coating
- Anti-carbonation Protective Coating to external structures

Project Highlights

- Site was located in remote place with very less population. High wind velocity in the region would affect the working condition most of the time.
- SSPI Team has successfully managed all the challenges and delivered the project within Stipulated time and quality and with ZERO accidents / LTI.

Client

Gujarat Mineral
Development Corp.Ltd.
(GMDC)

Period

2016-18

Key Items of work

Structural Repair &
Strengthening using
PMM & Micro
Concrete Jacketing

Application of High
Strength Shortcrete
Mortar

Epoxy Injection
Grouting

Coal-tar Epoxy
Coating

Anti-carbonation
Coating