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Corrosion Protection & Allied Civil Services

At Chemisight, protection means more than preserving industrial assets. It means safeguarding people's work, supporting cleaner operations, reducing environmental impact, and doing our part in building a safer, stronger planet for the future generations.

Chemisight is a legacy-led civil services company specialising in industrial protection works, with growing capabilities across engineered civil applications and project-specific execution solutions.

CTPL carries a legacy of more than five decades in industrial civil services and specialised protection systems. Since 1969, the company has built strong expertise in acid/alkali-proof lining, protective flooring, landfill works, pier protection, waterproofing and allied execution for demanding service environments.

Our work supports chemical, petrochemical, fertiliser, pharmaceutical, power, infrastructure, waste management and heavy process industries where durability, feasibility and dependable execution are essential. While protection works remain a core strength, Chemisight continues to broaden its horizons through an expanding range of engineered services and site solutions.

A key strength is our established in-house manufacturing unit. Years of experimentation, application learning and refinement have helped us develop product systems that we manufacture and confidently use in our own projects, giving us stronger control over quality, compatibility and performance.

We look after our clients beyond execution alone - focusing on feasibility, system suitability, workmanship, reliability and long-term value so that every project receives a practical and dependable solution.

Corrosion-Resistant Services

Chemisight provides industrial civil services focused on specialised protection works for demanding process environments.

Brick / Tile Lining

Lining systems for floors, pits, drains, tanks and containment areas.

- Ceramic
- Carbon / Graphite
- Vitrified

Mortar Systems

Mortar systems selected as per the chemical conditions.

- Furan
- Phenolic
- Potassium silicate
- Epoxy
- Vinyl ester
- CNSL

Fibre Reinforced Lining

Reinforced barrier systems for surface protection.

- Bisphenol
- Phenolic
- Vinylester
- Furan
- Isophthalic
- Epoxy

Flooring & Protective Applications

High-performance flooring systems for long lasting protection and durability.

- | Epoxy | PU | Bitumen Mastic |
|------------------|------------------|------------------|
| • Screeding | • Screeding | • Heavy- Duty |
| • Coating | • Coating | • Anti-Static |
| • Self-Levelling | • Self-Levelling | • Anti- Skid |
| • Grouting | | • Tank-Pad Works |

Membrane & Specialised Systems

Barrier systems for containment, protection and specialised civil applications.

- | | | |
|------------------------------------|-------------------------------|-------------------------|
| • Lead Membrane Lining | • HDPE / LDPE Membrane Lining | • Magnesium Oxychloride |
| • PVC Membrane/ Flexi Vinyl Lining | • Mandana Stone Flooring | • Geosynthetic Systems |

Our Products

Chemisight manufactures selected resin, mortar and mastic systems used in protection works, FRP / GRP applications and allied execution requirements.

Unsaturated Polyester Resin Grades

A broad resin range manufactured for applications, lamination work, FRP systems and composite product requirements.

- Vinyl Ester
- Bisphenol
- Isophthalic
- General Purpose
- Roof Light UV
- PTA Pultrusion
- Cultured Marble Casting
- Orthophthalic Quartz
- Gel Coat
- Putty

Chemical Resistant Mortars

Manufactured for bedding, jointing and supporting acid/alkali-proof lining systems.

- Phenolic
- Potassium Silicate
- Furan
- CNSL

Mastic Grades

Used in selected flooring and surface protection applications where heavy-duty performance is required.

- Compound / Wearing
- Anti-static
- Joint / Crack Sealant
- Anti-skid
- Graphite-base

Secured Landfill & Closure Works

Chemisight undertakes secured landfill lining, protection and closure-related works for waste containment and environmental protection projects.

Landfill Lining & Protection Works

Layer-wise protection works carried out to support containment performance in secured landfill applications.

- Impermeable base preparation support
- HDPE membrane
- Geosynthetic lining
- Leachate collection system
- Drainage layer support
- Side slope lining and anchoring
- Jointing and sealing support
- Allied civil works

Closure & Capping Support Works

Support works for closure, capping and protective systems over completed landfill sections.

- Landfill closure support
- Capping layer installation support
- Protective soil layer
- Gas vent system
- Drainage and slope protection support
- Geomembrane and geosynthetic support works
- Surface grading and allied civil coordination

Typical Landfill System Components

A secured landfill system functions through multiple layers working together for containment, drainage and protection.

- Substrata preparation
- Geosynthetic layer
- HDPE membrane
- Drainage Systems
- Soil / capping layer
- Side slope anchoring
- Leachate management support areas

Piers & Civil Protection

Chemisight under takes protection works for piers, civil structures and assets exposed to moisture, weathering and aggressive service conditions.

Pier Protection Works

Protection systems that help safeguard exposed structural surfaces from moisture, environmental exposure and long-term deterioration.

- Surface preparation and treatment
- Protective coating systems
- Chemical-resistant lining systems
- Waterproofing support works
- Concrete surface protection
- Joint treatment and sealing support
- Drainage protection support
- Allied civil works for exposed structures

Civil Protection Works

Used for structures and surfaces requiring durability against chemicals, moisture, abrasion and heavy service conditions.

- Structural condition assessment
- Defect mapping and area marking
- Spalled concrete reinstatement
- Honeycomb rectification
- Rebar cleaning and passivation
- Pressure injection grouting by Epoxy / any specialise material
- Polymer-modified repair mortar application
- Micro-concrete jacketing
- Column, beam and pedestal strengthening support
- Anchor fixing and dowel grouting
- Terrace and roof waterproofing
- Basement and sump waterproofing

Related Protection Services

Integrated protection solutions where lining, waterproofing, coating and civil execution work together.

- Waterproofing systems
- Chemical-resistant coating systems
- Asset restoration support
- Anti-corrosion piping support
- Protective treatment for water-exposed structures
- Allied industrial civil works

Industries, Clients & Consultants

Chemisight works with process industries, infrastructure clients, consultants and project teams across a wide range of industrial applications. Below is the list of few industries we have served and few companies we have worked with:

Industries Served

- Chemical and Chlor-Alkali
- Fertiliser plants
- Petrochemical, Oil & Gas
- Pharmaceutical Industries
- Process Industries
- Power and utility sectors
- Waste Management Facilities
- Infrastructure and Port-Related Works
- Heavy Industrial Facilities

Selected Client References

- GACL
- GNFC
- GSFC
- IFFCO
- KRIBHCO
- IOCL
- ONGC
- GHCL
- NTPC
- BEIL
- UPL
- Kandla Port Trust
- Western Railway
- Larsen & Toubro (ECC)
- Hindustan Zinc
- Vedanta
- Enviro Technology

Consultants / Agencies

- Engineers India Ltd.
- Development Consultants Pvt. Ltd.
- Dalal Consultants & Engineers Ltd.
- Fichtner
- Worley Consulting
- L&T
- PDIL
- NPC
- Shin-Etsu Chemicals
- Kirloskar- AAF
- HCP
- Sijcon Consultants
- Humphrey Glasgow
- Davy Power Consultants
- Niro Kestner
- Krebs & Cie India Ltd.
- Thyssenkrupp Uhde
- Technip Energies
- BASF Chemicals



Protection Through Prevention

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