

Engineering Solutions for Air, Water & Energy Systems



Your Partner
CST-HEATKAL
EnviroTech



Engineering Solutions for Running Plants

Diagnosis • Optimization • Implementation

How CST-HeatKal Supports Industries

CST-HeatKal works closely with operating plants to diagnose challenges relating to air, water, and energy systems. Our engagement begins with understanding process behaviour, utility interactions, operating constraints, effect & paragnetness in real plant conditions.

Rather than offering standard equipment, we develop solution concepts that may include system modification, optimization, heat recovery, water reduction, or redesign of utility architecture. Equipment is introduced only as essential part of the overall solution.

This approach allows industries to improve efficiency, reliability and sustainability without unnecessary capital expenditure or operational disruption.

Solution Path



Industries Served & Solutions Delivered

CST-HeatKal supports demanding sectors where reliable, energy-efficient, and sustainable air, water, and energy solutions are critical to plant performance.



Power Generation

- Turbine & generator cooling
- Water & heat recovery



Turbine & generator cooling
Water & heat recovery



Chemical Processing

- Condensers & process gas cooling
- Heat integration & recovery



Oil & Gas / Refineries

- Waste heat recovery
- Fired heaters / compressor cooling



Pharma & Biotech

- Precise utility cooling
- Sheet & emulsion recovery
- Efficiency improvement



Steel & Cement

- High thermal load cooling
- Flue & gas recovery
- Process water reduction



Equipment as a Solution Enabler



Where required, CST-HeatKal supports solution execution through carefully selected and engineered equipment



Presame skids



C + PuG6



CST-HeatKal

CST - HEATKAL

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AIR SYSTEMS

- Dry Coolers
- Remote Radiators
- Air-Cooled Condensers
- Industrial Cooling Colls
- Customized Air-Cooling Solutions

WATER SYSTEMS

- Endo & Other Gases Cooling Systems
- Heat Exchanger Engineering
- Process & Utility Cooling Optimization
- Water Reduction & Elimination Concepts

ENERGY SYSTEMS

- Heat Recovery & Energy Optimization
- Hydrogen & Clean Energy Concepts
- Sustainable Industrial Utility Solutions
- Energy-Efficient System: Design & Validation

JOINT VENTURE PARTNERS

CST ENVIROTECH

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