

Engineering Solutions for Air, Water & Energy Systems for Automobile Manufacturing Plants

Precision • Reliability • Sustainability



Your Partner



CST-HEATKAL
EnviroTech



Engineering Solutions for Operating Automobile Plants

CST-HEATKAL supports OEMs by enhancing the efficiency, reliability, and sustainability of their existing air, water, and energy systems.

Our Solution Path:



PRECISION • RELIABILITY • SUSTAINABILITY

Engineering Before Equipment

CST-HeatKal supports operating automobile OEM plants by **optimizing cooling water systems**, compressed air, HVAC & **ventilation**, and energy utilities under real production conditions.

Our solutions are driven by process understanding and system behaviour, and may include **utility optimization**, **heat recovery**, and **water reduction strategies**.

Equipment is introduced only when it is technically essential to achieve reliable, efficient, and sustainable plant operation.

UTILITIES WE OPTIMIZE



Cooling Water Systems



Compressed Air Systems



HVAC & Ventilation



Heat Recovery Systems



Energy Utilities

Automobile Manufacturing

Areas We Support



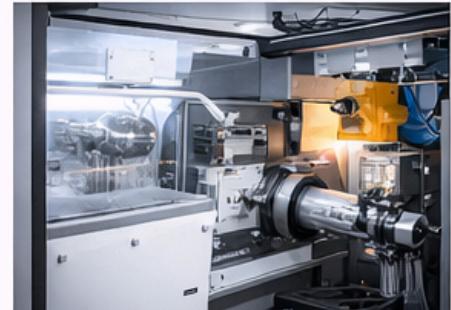
Body Shop

- Process ventilation & heat removal
- Cooling of welding transformers & power electronics
- Compressed air system optimization



Paint Shop (Critical Utility Zone)

- Process air cooling & humidity control
- Oven exhaust heat recovery
- Scrubber & utility water optimization



Engine & Transmission Manufacturing

- Machine tool cooling
- Process fluid & oil cooling
- Temperature stability for dimensional accuracy



Assembly & General Utilities

- AHUs, ventilation & comfort cooling
- Compressor, DG & utility cooling



Utilities & Energy Systems

- Cooling water systems
- Heat exchangers & condensers
- Air-cooled & hybrid cooling solutions



Sustainability & ESG

- Water reduction & reuse
- Waste heat recovery
- Energy efficiency & carbon reduction



Assembly & General Utilities

- AHUs, ventilation & comfort cooling



Utilities & Energy Systems

- Cooling water systems
- Heat exchangers & condensers



Sustainability & ESG

- Water reduction & reuse
- Waste heat recovery

Why CST-HeatKal

CST-HeatKal partners with automobile OEMs to solve complex challenges in air, water, and energy systems across operating manufacturing plants. Our approach combines **engineering depth**, on-site understanding, and practical implementation—focused on reliability, efficiency, and sustainability.

Our Engineering Focus



Air Systems

- HVAC, process air, ventilation, compressed air



Water Systems

- Cooling water, process water, heat rejection, reuse



Energy Systems

- Heat recovery, efficiency improvement, utility optimization

How We Work with OEMs

- Study of operating plant conditions
- Identification of constraints & improvement potential
- Engineering-led solution development
- Implementation with minimal disruption

Engineering-led solutions, designed for running plants.

CST-HeatKal EnviroTech

Engineering Solutions for Air, Water & Energy

1234, 1st Floor

Cyber Hub, Landmark Building

Sector 67, Gurgaon - Haryana, India

+91 99580 01230 | +91 91687 46600

salescstenvirotech@gmail.com

www.cstenvirobreeze.com

