



Engineering reliability for every crushing season.

End-to-end mechanical maintenance, overhaul, fabrication and erection services for sugar plants, delivered on schedule, safely and to a consistent engineering standard.

8+

Core service lines

11+

Plant sections covered

24x7

In-season breakdown support

1-Stop

Survey to handover

01 About SUMEC India

SUMEC India is a specialist mechanical contracting firm serving the sugar industry. We undertake maintenance, repair, overhaul, fabrication and erection across every section of a sugar plant, from cane handling and milling to the boiling house, boiler house and utilities. Led by a qualified engineer with practical knowledge of sugar mill operations, our teams work to the plant schedule, follow strict safety practices and deliver documented, quality-assured work so that each mill starts its crushing season ready and runs it without avoidable stoppages.

MISSION

To keep sugar mills running at peak efficiency through dependable, safe and timely mechanical services.

VISION

To be a trusted mechanical partner for sugar producers in India and international markets.

02 Core Capabilities



01

Mill House

Cane carriers, cane preparation, mill rollers, pressure feeders, gearboxes and couplings.



02

Boiler House

Tube replacement, pressure part repairs, ducting, ESP and ash handling systems.



03

Boiling House

Evaporators, vacuum pans, juice heaters, clarifiers, crystallisers and centrifugals.



04

Process Piping

Steam, juice, syrup, molasses, water and condensate lines with supports.



05

Fabrication and Erection

Tanks, chutes, platforms, structures and new equipment installation.



06

Rotating Equipment

Turbine and gearbox overhaul, precision shaft alignment and bearing renewal.



07

Pumps and Utilities

Pump overhaul, cooling towers, spray ponds and compressor maintenance.



08

Skilled Manpower

Fitters, welders and technicians deployed for off-season and in-season needs.



Sector Specialists

Focused entirely on sugar plant equipment and seasonal cycles.



Engineer-Led Delivery

Technical supervision and accountability on every assignment.



Transparent Commercials

Clear scope, fair rates and no hidden costs.

How we deliver results

Planned execution, clear timelines and accountable site supervision across the full sugar process.

03 Process Coverage



Supporting systems: Boiler House Power House Molasses Handling Water and Utilities

OFF-SEASON

Planned Overhaul and Maintenance

- Mill roller, gearbox and cane carrier overhaul.
- Boiler tube replacement and pressure part repairs.
- Evaporator, pan and juice heater cleaning and retubing.
- Centrifugal machine and pump overhaul.
- Structural repairs, chutes and platform renewal.

CRUSHING SEASON

Operational and Breakdown Support

- Round-the-clock breakdown maintenance teams.
- Rapid repair of chains, slats and conveyors.
- Leak arresting in steam and juice lines.
- Preventive inspections to reduce stoppages.
- Shift-wise deployment of skilled manpower.

04 Execution Methodology



05 Quality, Safety and Compliance

● Quality

- Work to drawings and OEM specifications.
- Measured clearances and alignment records.
- Inspection at each critical stage.

● Safety

- Permit-to-work and lockout procedures.
- Full PPE for every worker on site.
- Daily toolbox talks and hazard checks.

● Compliance

- Labour law compliance including PF and ESI.
- Documented attendance and wage records.
- Adherence to plant rules and policies.

Partner with us for your next season.

For quotations, site visits and contract enquiries in India and overseas.

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SCAN TO SAVE CONTACT