

# BUILT WHERE OTHERS WOULD SAY “IMPOSSIBLE”

## VT Corp Successfully Executes ESP Installation in South India

At VT Corp, true engineering excellence is proven under constraints.

In one of the recent projects at Ugar Sugar, VT Corp successfully delivered an Electrostatic Precipitator (ESP) installation under highly challenging conditions, where limited space, ongoing operations, and demanding performance expectations came together.



## UNDERSTANDING THE SITE CONDITIONS AND CONSTRAINTS

Executing an ESP system for a 55 TPH bagasse-fired boiler within a restricted installation envelope is complex on its own.

Doing so under live plant conditions made it even more demanding.

Key site constraints included:

**Minimal installation clearance**

**High execution and safety risks**

**Strict emission compliance requirements**

**Heavy airborne bagasse dust environment**

**Continuous plant operations during execution**

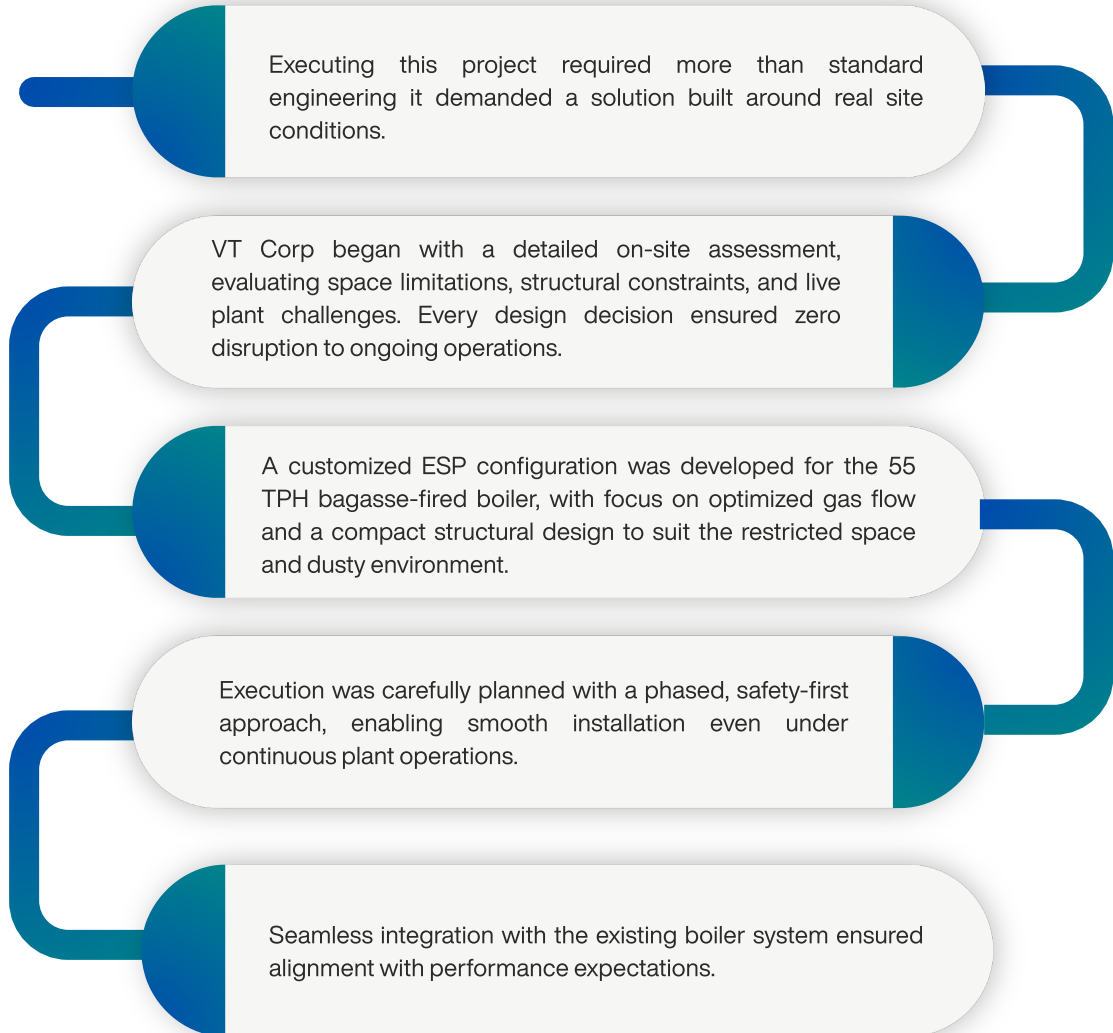


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## HOW VT CORP TOOK IT ON



At every stage, **VT Corp** focused on one goal: a solution that performs reliably in real operating conditions, not just on paper.

### PERFORMANCE ACHIEVED

#### POST INSTALLATION

Despite the constraints, VT Corp delivered a system that met uncompromised performance expectations:

- ✔ Outlet emission  $\leq 50 \text{ mg/Nm}^3$
- ✔ Stable ESP operation under bagasse-fired conditions
- ✔ No disruption to ongoing plant performance
- ✔ Reliable, long-term operational efficiency



IT DIDN'T JUST FIT.

IT PERFORMED.



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