First reference plant in India, located in Jabalpur (Central India)

Standardized plant design to meet extremely low target price expectations

HZIND is consortium leader with overall responsibility for EPC coordination

HZIND supplies “chute to stack” technology, as well as materials handling

HZI provides support in engineering and project execution

Consortium partner is Isgec Heavy Engineering (scope is WSC, BOP, E&IC, Civil Engineering)

Based on HZ’s engineering, the client supplies waste crane, stack and emission measurement system

### Client

Essel Infrastructures Limited

### Start-up

2015

### Technology

- **Concept**: Standard Local Plus / FGT Type II
- **Furnace**: Grate furnace (air-cooled)
- **Energy recovery**: 4-pass vertical boiler, turbine
- **Flue gas treatment**: Evaporation Cooler / Bag Filter

### Technical Data

- **Fuel**: Municipal Solid Waste
- **Waste capacity**: 600 t/d (1 line)
- **Net calorific value**: 6.9 MJ/kg
- **Thermal capacity**: 1 x 48 MW
- **Steam**: 1 x 57 t/h (46 bar, 410°C)
- **Gross Power**: 11.5 MW