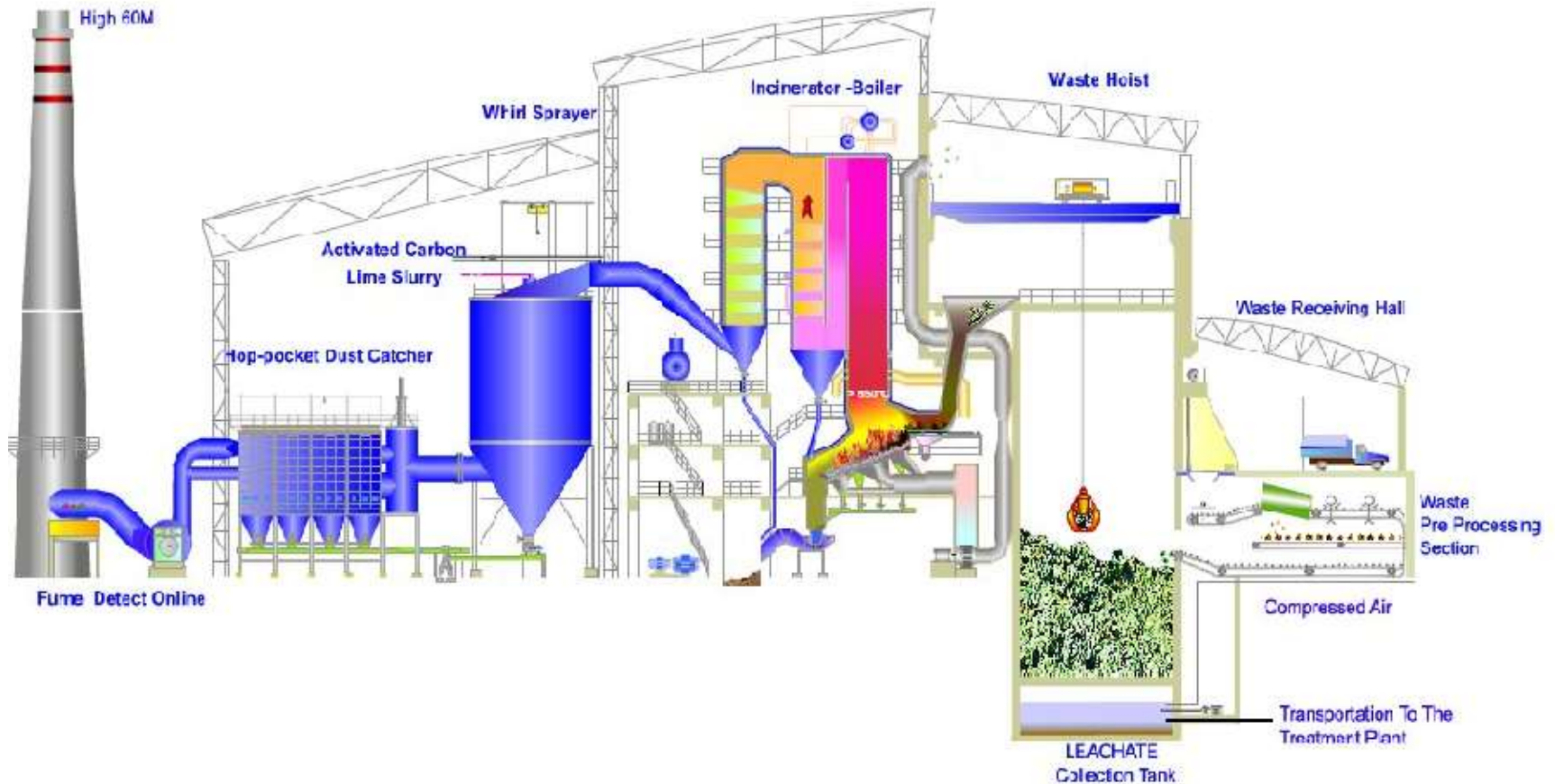


Municipal Solid Waste Management and Energy Recovery



Snapshot - WTE Technology



Jindal Okhla SWM Project

- Okhla Waste to Energy Project, a Public Private partnership venture with Government of NCT Delhi
- With past failures of Waste to Energy initiatives in India, Technology Selection had been the real challenge for handling Indian MSW (High Inert/ Moisture)
- Initial Project development done by an SPV, a JV company between Dept of Power and IL&FS
- Land allotted was initially a MSW dumpsite and an old Compost plant of NDMC
- Project awarded to Jindal Urban Infrastructure Ltd in International Competitive Bidding
- Project started operations in Jan , 2012

Performance Highlights

- ▶ MSW Received & Processed 8.21 lakh metric tonne
- ▶ Power Generated 151 million units
- ▶ Power Evacuated 125 million units
- ▶ Average MSW Received 1650 as against 1950 TPD

Note: Data is approximate values till July 30, 2013

PIL by Nearby Residents

- A PIL was filed in Delhi High Court in 2009 against Okhla Waste to energy plant. Case has been transferred to National Green Tribunal (NGT) in Jan'13
- Two parameters - Suspended Particulate Matter (SPM) and Dioxins/ Furans were found beyond the admissible range during inspection by CPCB
- Plant was immediately taken under maintenance and cleaning. Some damaged bags had been identified and replaced being reason of higher SPM
- As ordered by NGT for long term solution, an Action plan had been prepared after brain storming session in CPCB jointly with DPCC and MoEF
- Plant re-scheduled its maintenance plan based on first year of its learnings

Pollution Mitigation Status

- Regular Third party emission monitoring of plant
- Dioxin / Furans & Particulate Matters recorded within limits till Oct 2012 reports
- Some high value of Dioxin/Furans was noted in March/ April'13 and corrective actions taken. Values within prescribed limits

Thank you