



BLUESKY-PLANT® FUME EXHAUST SYSTEM (FES)

With capacities ranging from 0.8 to 2.5 million m³/h.



ECO-Technologies & Benefits:

Greatly reduced damage to the bag filter structure due to Sarralle's innovative spark capture system for particles smaller than 5mm.

Optimized fume temperature reduction to minimize the furan and dioxin generation.

Active carbon injection systems for dioxin and furan emission reduction.

Protection of employee health due to the reduction of harmful particle content in the EAF working and surrounding area. Atmospheric emissions capability < 1 mg/Nm³.

Continuous fan suction speed regulation control to minimize FES plant energy consumption up to a 20%.

Real-time analysis of CO, CO₂, T, O₂, H₂O, O_x, NO_x to adjust the exothermic combustion inside the furnace.

Efficient suction results in a healthier workplace and an eco-friendly to meet the most demanding environmental standards and regulations within and near the plant surroundings.