

Envibat WESP Installation Lime kiln Sweden

Air pollution control after lime kiln

The customer operates a lime kiln as part of a paper board factory, with a capacity above 450 thousand tons per year. The drivers for this project were new, more stringent emission standards and the search for more energy efficient equipment.

To future-proof the investment, the limit for dust emissions was set to 10 mg/Nm³.

The new wet electrostatic precipitator was installed in 2017, and measurements show that the equipment achieves levels of 1-8 mg/Nm³.

Process data

Gas flow	34 000 Nm ³ /h
Emission limit	< 10 mg/Nm ³
Measured dust emissions	1-8 mg/Nm ³

Customer experience

"More stringent emission limits meant we had to upgrade our air pollution control system. We chose equipment from Envi-bat, and we were able to reduce our emissions and meet the new requirements, with enough margin to allow for changes in the future."

