

Deodorization of organic solvents



- Type of exhaust gas : Water-soluble VOCs (volatile organic compounds)
- Air volume : 450m³/min
- Model : Deoriser DR-30W × 1 unit



Problem

When manufactured products were washed with organic solvents, solvent odors were emitted and flowed into an office in a separate building.

Challenges

Reliable capture of water-soluble organic solvents.

Solutions

One Bio Deoriser DR-30W unit was used to treat exhaust gas emitted at volumes of up to 450m³/min.

Effects

Odor concentrations of 1,000 or greater were successfully reduced to levels consistently below 400.

R E P E A T

The customer recognized the effectiveness of our VOC (volatile organic compound) gas capture technology.

Repeat orders

The customer recognized the effectiveness of the previously delivered Bio Deoriser, despite the difficulty of capturing VOC gas, and we received a repeat order. One problematic occurrence the previous time was when a large amount of a specific microorganism was generated in the groundwater, clogging the screen, but a chlorine drip was used to keep the microorganism at low concentrations.