

Case Study Pico Odor



CP CHAROEN POKPHAN FEEDMILL

(ODOR TREATMENT AIR EMISSION WET SCRUBBER TREATMENT)

Product Test at CP-Ayudhaya (Odor & Degreaser)



Product Test at CP-Ayudhaya (Odor & Degreaser)



Floor Cleaning, proven results
- Degrease
- Odor elimination in a few minutes

Product Test at CP-Ayudhaya (Waste Odor)



Odor Control – Air Quality Emission

- Dry wind output of 24,000 m3 per hour (900mm diameter, 3 meter stack long)

- has been applied via a 1,000 psi, low volume misting system into the stack.

- was mixed into solution and applied at 100 gm into a 200 L reservoir (500 ppm).

The solution was then delivered via 8 nozzles in spiral formation along the stack at 6.25 L of solution per nozzle per hour.

The usage is 50 gm per hour.



Air Quality Emission

Eliminate and control wide range of volatile organic odors

including

- mercaptans,
- amines,
- ammonia,
- hydrogen sulfide

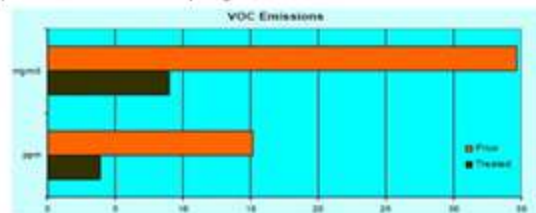
Benefits

1. Rapid reduction of odor emissions "Green air quality"
2. Elimination of odors molecules upon contact
3. Effective on wide range of VOC's
4. Effective in high volume air stream
5. Simple continuous application

Odor Control – Air Quality Emission

Results

Independent sampling by SGS was taken on the 3rd of April 2008, prior to application of Biowish. The following 10 minutes of application further sampling was taken.



VOC	ppm	mg/m3
Prior	15.10	34.58
Treated	3.92 (74.0%)	8.98 (74.0%)