

## Project Reference for Wet scrubber



1. **Customer :** BMA 4 (โรงควบคุมคุณภาพน้ำจืดจักร)

**Location :** 35 Soi Intamara Sudtisarn Dindang Bangkok

**Process :** Waste water Treatment Plant

**Pollutant :** H<sub>2</sub>S Gas and VOCs

**Capacity :** 15,000 CFM.  
( Counter-flow Packed bed scrubber )

**Removal Eff. :** 95 % (H<sub>2</sub>S Inlet conc. 25 ppm.)



2. **Customer :** Polyplex (Thailand) Public Co.,Ltd.

**Location :** 60/4 Moo 3 Mabyangporn Pluakdaeng Rayong

**Process :** Waste water Treatment Plant

**Pollutant :** H<sub>2</sub>S , Acetaldehyde

**Capacity :** 10,000 CFM.  
( Counter-flow Packed bed scrubber )

**Removal Eff. :** 95 % (H<sub>2</sub>S Inlet conc. 25 ppm.)



3. **Customer :** Vanachai chemical industries Co., Ltd.

**Location :** Eastern industrial estate map ta phut, Rayong

**Process :** Urea formaldehyde resin , Formoldehyde

**Pollutant :** Formaldehyde ( CH<sub>2</sub>O )

**Capacity :** 1,000 CFM.  
( Counter-flow Packed bed scrubber )

**Removal Eff. :** 99 % ( CH<sub>2</sub>O Inlet conc. 253 ppm.)

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4. **Customer** : Advance Agro Public Co.,Ltd.

**Location** : 1 Moo 2 Thatoom Srimahaphote Prachinburi

**Process** : Paper pulp process ( System 1 )

**Pollutant** : H<sub>2</sub>S gas

**Capacity** : 580 CFM.  
( Counter-flow Packed bed scrubber )

**Removal Eff.** : 99.99 % (H<sub>2</sub>S Inlet conc. 80,000 ppm.)



5. **Customer** : Advance Agro Public Co.,Ltd.

**Location** : 1 Moo 2 Thatoom Srimahaphote Prachinburi

**Process** : Paper pulp process ( System 2 )

**Pollutant** : H<sub>2</sub>S gas

**Capacity** : 880 CFM.  
( Counter-flow Packed bed scrubber )

**Removal Eff.** : 95 % (H<sub>2</sub>S Inlet conc. 60,000 ppm.)



6. **Customer** : Genco Co.,Ltd. (MaptaPhut)

**Location** : Map tap phut Industrial Estate , Rayong

**Process** : Waste water Treatment Plant (WWTP)

**Pollutant** : H<sub>2</sub>S gas

**Capacity** : 5,000 CFM.  
( Counter-flow Packed bed scrubber )

**Removal Eff.** : 95 % (H<sub>2</sub>S Inlet conc. < 50 ppm.)

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- 7. Customer :** Genco Co.,Ltd. (MaptaPhut)
- Location :** Samaedum Waste Center
- Process :** Waste water Treatment Plant (WWTP)
- Pollutant :** H<sub>2</sub>S gas and Acid gas
- Capacity :** 5,000 CFM.  
( Counter-flow Packed bed scrubber )
- Removal Eff. :** 95 % (H<sub>2</sub>S Inlet conc. < 50 ppm.)



- 8. Customer :** Stats Cippac ( Thailand ) Ltd.
- Location :** Navanakorn Industrial Estate, Pathumthani
- Process :** Electroplating
- Pollutant :** Nitric Acid gas ( HNO<sub>3</sub> )
- Capacity :** 30,000 CFM.  
( Counter-flow Packed bed scrubber )
- Removal Eff. :** 95 %



- 9. Customer :** Canadoil pipe Co., Ltd.
- Location :** Amata City Industrial Estate, Rayong
- Process :** Steel Nitric acid Pickling process
- Pollutant :** Nitric Acid gas ( HNO<sub>3</sub> )
- Capacity :** 28,000 CFM.  
( Counter-flow Packed bed scrubber )
- Removal Eff. :** 90 %

## Project Reference for Wet scrubber



**10. Customer :** Hino Motor Manufacturing (Thailand) Co.,Ltd.

**Location :** 99 Moo 3 Teparak Muang Samutprakarn

**Process :** CNC Welding Auto Part

**Pollutant :** Oil Mist , Smoke

**Capacity :** 25,000 CFM , 4 Unit  
( Cross-flow Packed bed Scrubber)

**Removal Efficiency :** > 95 %



**11. Customer :** Star micro electronics Co., Ltd.

**Location :** Bang pa in Industrial Estate, Ayuttaya

**Process :** PCB Manufacturing

**Pollutant :** Lead Dust

**Capacity :** 22,000 CFM. 2 Unit  
( Counter-flow Packed bed scrubber )

**Removal Efficiency :** > 95 %



**12. Customer :** Summit showa manufacturing Co.,Ltd.

**Location :** Laemchabang Industrial Estate,Chonburi

**Process :** Cromic dipping

**Pollutant :** Acid gas

**Capacity :** 8,000 CFM  
( Cross-flow Packed bed Scrubber)

**Removal Efficiency :** > 95 %

### Project Reference for Wet scrubber



**13. Customer :** Hino Motor Manufacturing (Thailand) Co.,Ltd.

**Location :** 99 Moo 3 Teparak Muang Samutprakarn

**Process :** CNC Welding Auto Part

**Pollutant :** Oil Mist , Smoke

**Capacity :** 28,000 CFM , 2 Unit , 10,000 CFM. 1 Unit  
( Cross-flow Packed bed Scrubber)

**Removal Efficiency :** > 95 %



**14. Customer :** Ageless (Thailand ) Co.,Ltd.

**Location :** Amata Industrial Estate,Chonburi

**Process :** Blender machine

**Pollutant :** Particulate

**Capacity :** 7,000 CFM  
( Venturi + Counter-Flow Packed bed scrubber)

**Removal Efficiency :** > 95 %



**15. Customer :** RB (Thailand) Co.,Ltd.

**Location :** อำเภอ บางปะกง , จังหวัด ฉะเชิงเทรา

**Process :** ผลิตถุงมือยาง

**Pollutant :** ฝุ่นแป้ง

**Capacity :** 11,000 CFM , 2 Unit  
( Counter-flow Packed bed scrubber )

**Removal Efficiency :** > 90 %

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- 16. Customer :** บริษัท ยูเนี่ยนโซจิรุชิ จำกัด
- Location :** อำเภอ บางปะกง , จังหวัด ฉะเชิงเทรา
- Process :** Electro polishing
- Pollutant :** Acid fume
- Capacity :** 7,000 CFM.  
( Counter-flow Packed bed scrubber )
- Removal Efficiency :** > 90 %



- 17. Customer :** Dana spicer (Thailand ) Co.,Ltd.
- Location :** Ladkrabang industrial Estate,Bangkok
- Process :** Sand blast machine
- Pollutant :** Particulate
- Capacity :** 1,000 CFM ( Venturi + Wet filter)
- Removal Efficiency :** > 95 %



- 18. Customer :** Project D Engineering Co.,Ltd.
- Location :** Sriracha , Chonburi
- Process :** Aluminium anodizing
- Pollutant :** Acid fume
- Capacity :** 5,000 CFM  
( Counter-flow Packed bed scrubber )
- Removal Efficiency :** > 90 %

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19. **Customer** : Thai Paper Co.,Ltd.(Banpong)

**Location** : Banpong , rajburi

**Process** : C-Washer and H2-Washer (ล้างเชื้อ)

**Pollutant** :  $\text{Cl}_2$  fume

**Capacity** : 5,000 CFM.  
( Counter-flow Packed bed Scrubber)

**Removal Efficiency** : > 90 %



20. **Customer** : Almet Thai Co.,Ltd.

**Location** : Bangpoo , Samutprakarn

**Process** : Aluminium anodizing

**Pollutant** : NaOH fume and  $\text{H}_2\text{SO}_4$  Fume

**Capacity** : 65,000 CFM.  
( Cross-flow Packed bed Scrubber)

**Removal Efficiency** : > 90 %



21. **Customer** : TDIC South Co.,Ltd.

**Location** : Bang Klam , Songkhla

**Process** : ผลิตกาวยาง

**Pollutant** : Formaldehyde and Methanol gas

**Capacity** : 6,000 CFM.  
( Counter-flow Packed bed Scrubber)

**Removal Efficiency** : > 90 %

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**22. Customer :** Thai Vegetable Oil Public Company Limited

**Location :** Nakhonchaisi, Nakhonpathom

**Process :** Spend earth room and Cyclone

**Pollutant :** Butanal , Pentanal , 2-Butanone(MEK) ,  
n-pentanol , n-Hexanol

**Capacity :** 2,500 CFM.

( Counter-flow Packed bed Scrubber)

**Removal Efficiency :** > 90 %

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