

Zhen Ding Technology Holding Limited

Chemical Phase-out Plan

Target of 2025 : VOCs density decreased by 9% from 0.0382 kg/million revenue in 2022

- VOCs reduction plans for existing plants: In 2025, remain the concentrations VOCs below 90% of the regulatory limit by adsorption onto activated carbons and water treatment.
- VOCs reduction plans for new plants:
 - (1) The destruction efficiency of RCO (Regenerative catalytic Oxidizer) will exceed 90% in 2025
 - (2) The destruction efficiency of RTO (Regenerative Thermal Oxidizer) will reach 96% in 2025.

Exhaust Emissions in 2021

As of May 2022

Location	Emission Indicator (Unit: mg/m ³)	2021 Status	Regulatory/ Customer Requirements	Zhen Ding's Target	Achievement
Shenzhen Campus	Nitrogen Oxides (furnaces)	66.29	150	120	Target Achieved
	Sulfur Dioxide (furnaces)	Nil	50	40	Target Achieved
	Volatile Organic Compounds	2.30	80	64	Target Achieved
	Particles	0.24	120	96	Target Achieved
Qinhuangdao Campus	Nitrogen Oxides (furnaces)	15.72	30	25	Target Achieved
	Sulfur Dioxide (furnaces)	0.34	10	8	Target Achieved
	Volatile Organic Compounds	1.14	50	40	Target Achieved
	Particles	0.88	120	96	Target Achieved
Huai'an Campus I	Nitrogen Oxides (furnaces)	19.67	50	40	Target Achieved
	Sulfur Dioxide	3.77	100	80	Target Achieved

	(furnaces)				
	Volatile Organic Compounds	0.97	40	35	Target Achieved
	Particles	2.87	120	96	Target Achieved
Huai'an Campus II	Nitrogen Oxides (furnaces)	44.36	50	40	Target Achieved
	Sulfur Dioxide (furnaces)	4.4	100	80	Target Achieved
	Volatile Organic Compounds	0.15	40	35	Target Achieved
	Particles	2.13	120	96	Target Achieved
Boardtek Campus	Volatile Organic Compounds	0.015	NA	60	Target Achieved
	Particles	2.00	100	80	Target Achieved