

Air Pollution Management

Air Pollution Management

The Company recognizes the importance of air pollution management, which may impact employee health and the surrounding environment. Currently, the Company's ventilation systems undergo regular inspection and performance evaluation. Additionally, workplace environmental parameters, airborne chemicals, and dust levels are continuously monitored to maintain a safe working environment and to control and prevent the release of pollutants into the external environment.

However, the Company still faces environmental management risks. This remains a priority for management, who continuously introduces technology to improve the production process. In 2025, the Company has established plans to reduce dust within the production process as follows:

1. Modernize and upgrade machinery to replace legacy production equipment.
2. Upgrade the weighing and batching systems to automated and semi-automated systems.
3. Continuously implement 5S activities to reduce dust accumulation in the production process, ensure daily machinery cleaning, and conduct environmental inspections by the Company's environmental officers.
4. Rectify and repair minor defects that have the potential to cause air pollution.

In 2025, the Company established an air pollution management target to maintain standard-compliant exhaust air quality from factory stacks, achieving a 100% compliance rate. Based on air quality monitoring results across all factory locations, atmospheric pollutant levels generated from the production process were fully within the prescribed standards, as detailed in Table 1.

Furthermore, as the Company's manufacturing processes do not utilize or emit volatile organic compounds (VOCs), nitrogen oxides (NO_x), or sulfur oxides (SO₂), the emissions of these pollutants remain at zero, as shown in Table 1. Consequently, the Company has not set specific reduction targets or action plans for these particular emissions.

Table 1: Company's Air Quality Over the Past 3 Years

Details	Unit	Standards	Year		
			2023	2024	2025
Total Suspended Particulate	mg/m ³	≤ 400			
- Factory 260			20.13	25.60	10.67
- Factory 271			1.36	3.80	5
Volatile Organic Compounds (VOCs)	mg/m ³	≤ 100			
- Factory 260			0.00	0.00	0.00
- Factory 271			0.00	0.00	0.00
Quantity in kilograms/year	kg	-			
- Factory 260			0.00	0.00	0.00
- Factory 271			0.00	0.00	0.00
Oxide of nitrogen (NOx)	ppm	-			
- Factory 260			0.00	0.00	0.00
- Factory 271			0.00	0.00	0.00
Quantity in ton/year	ton	-			
- Factory 260			0.00	0.00	0.00
- Factory 271			0.00	0.00	0.00
Sulfur oxides (SO₂)	ppm	≤ 500			
- Factory 260			0.00	0.00	0.00
- Factory 271			0.00	0.00	0.00
Quantity in kilograms/year	ton	-			
- Factory 260			0.00	0.00	0.00
- Factory 271			0.00	0.00	0.00
Carbon monoxide (CO)	ppm	≤ 870			
- Factory 260			1	1	1
- Factory 271			1	1	1
Lead (PB)	mg/m ³	≤ 30			
- Factory 260			0.02	0.02	0.01
- Factory 271			N/A	N/A	0.01



Details	Unit	Standards	Year		
			2023	2024	2025
Antimony	mg/m ³				
- Factory 260			N/A	N/A	0.01
- Factory 271			N/A	N/A	0.01
Hydrochloric acid (HCl)	mg/m ³				
- Factory 260			N/A	N/A	0.21
- Factory 271			N/A	N/A	0.18

Standard

1) Standard based on the Ministry of Industry Announcement on Determining the Quantity of Air Pollutants Discharged from Factories, B.E. 2549 (2006). Published in the Government Gazette, General Announcements Volume 123, Special Part 125D, dated December 4, 2549 (2006).