

4.5 Air Pollution Control and Compliance GRI 305-6, 305-7

PharmaEssentia adheres to regulatory requirements for air pollution control. We do not use or emit ozone-depleting substances (ODS) regulated under the "Montreal Protocol," nor do we release any persistent organic pollutants (POPs). Compliance with the Environmental Protection Agency's standards includes regular testing and reporting of stationary air pollution sources. Testing is outsourced to Jichuan Environmental Technology Co., Ltd., an EPA-approved agency, conducted as per regulatory intervals. The test results show that air pollutant emissions are below legal limits, and there were no violations of environmental regulations in 2023.

Despite an increase in total production in 2023 due to global commercialization and sales demand, the emissions of volatile organic compounds (VOCs) have risen but still remain below the legally prescribed emission levels.

PharmaEssentia Air Pollutant Emissions Statistics Table for the Past Four Years

(units: kg)

Air Pollutant	(NOx)	(SOx)	(VOCs)	(HAP)	(PM)	(HCl)
2020	415.70	29.60	13.30	NA	7.00	-
2021	352.41	0	734.31	168.54	14.77	-
2022	444.2	34.0	9.3	434.2	7.8	0.1
2023	425.7	32.3	17.1	607.9	7.4	0.2

Notes1: The data in this table are specific to the PharmaEssentia Taichung Plant; Panco Medical does not emit the air pollutants listed in this table.

Notes2: Nitrogen oxides (NOx), sulfur oxides (SOx), and particulate matter (PM) were not tested in 2022; figures are estimated based on 2020 data. From 2022, statistics for hydrochloric acid have been included.

Notes3: The 2022 data for hydrochloric acid was corrected from 93.4 to 0.1 due to a data entry error.

