

Pollution Prevention

Air Management*2

During the course of our business operations, sulfur oxide (SOx), nitrogen oxide (NOx), and other air pollutants are emitted into the atmosphere from our casting and smelting furnaces, boilers, and incinerators. To reduce these emissions, we introduced alternative fuels and installed removal devices.

In FY 2001, to prevent dioxin emissions, we disassembled and removed all of our incinerators.

Water Quality Management*2

Wastewater from our plants is discharged into nearby rivers. From there it flows into the Ise Bay, which currently suffers from eutrophication. In an effort to thoroughly prevent eutrophication of the waterways, we are conducting advanced wastewater treatment methods, such as the use of the simultaneous nitrification-denitrification process, and have fortified the analysis of in-house wastewater to detect substances such as nitrogen and phosphorous.

In FY 2001, automatic analytical devices were installed at the wastewater treatment facilities in the Takahama and Hekinan plants to detect nitrogen and phosphorous, to further strengthen our management of water pollutants.

Odor Prevention Measures

VOCs emitted during the coating process are air pollutants and also release bad odors.

Owing to the large-scale of coating processes carried out at the Kariya, Nagakusa, and Takahama plants, we are implementing various measures to control odor. (For activities conducted in FY 2001, see page 22, "Reducing VOC Emissions.")

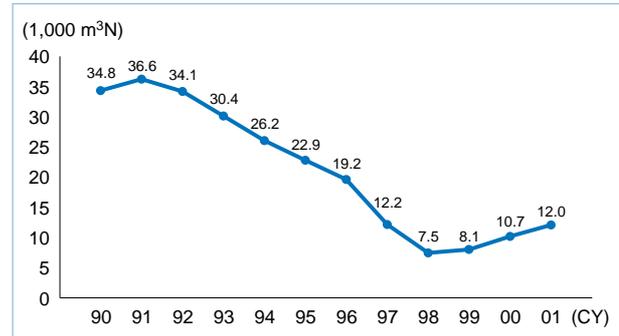
Noise Prevention Measures

The Nagakusa Plant, which assembles automobiles, is adjacent to a residential area. We have implemented various measures to curtail noise, such as the construction of soundproof walls.

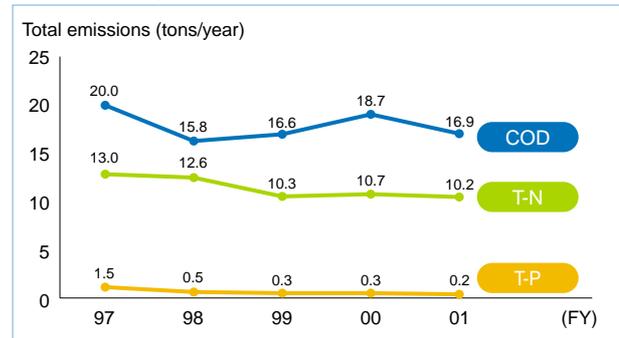
In FY 2001, to create a quieter environment, we promoted a variety of measures, twenty-eight in all, to pinpoint the source of the noise and resolve noise problems by repairing roads.

During the fiscal year, all of our plants managed to meet regulatory standards for noise pollution and we did not receive any complaints from local residents.

SOx Emissions



Water Quality



Noise Prevention Measures at the Nagakusa Plant in FY 2001

Item	Example	Cases
Facilities measures	<ul style="list-style-type: none"> • Soundproofing facilities • Installation of soundproof covers 	14
On-site vehicle operation regulations	<ul style="list-style-type: none"> • Speed regulations • Installation of signs aimed at improving awareness 	4
Revamping of distribution route	<ul style="list-style-type: none"> • Removing barriers • Change in materials used for grating 	3
Improvements to work	<ul style="list-style-type: none"> • Review of work done outside • Review of the opening and closing of the shutter at the press factory 	7



Examples of Noise Prevention Measures: Soundproof Wall

*2 For air and water pollution data, see page 40, "Environmental Data."