



Environmental Auditing

In order to prevent environmental risks in advance, environmental preservation activities are audited to make sure they are being implemented as planned such as the achievement status of environmental goals including observation of laws and regulations.

External auditing

Auditing registration organization screens whether or not our environmental management system complies with the requirements of ISO14001 and that the system is being operated appropriately.



External auditing status (Kumagaya Plant)

Internal environmental auditing

- Executive Officer for Environment & Safety and the Environment & Safety Control Department implement "Environment/Safety Audit" twice a year for all plants and affiliated companies.
- Each plant implements "Internal Environmental Audit" for the fixation of environmental management system and continuous improvement.

Environmental auditing for overseas bases

- In the same manner as domestic plants, Executive Officer for Environment & Safety and the Environment & Safety Control Department implement "Environment/Safety Audit" on regular basis for production companies of overseas bases.
- Follow-up of each activity is made based on the same checkpoints as domestic plants.



KMNA environmental auditing

Environmental Accounting

In order to quantitatively assess the involvements regarding environmental preservation, environmental costs have been calculated since 2000.

This report is compiled by using categories of invested amount and cost according to the environmental accounting guidelines indicated by the Ministry of the Environment.

The total environmental preservation cost for 2006 is 1.333 billion yen.

The breakdown is 556 million yen for invested amount and 777 million yen for cost.

Unit: million yen

Environmental preservation cost				
Category		Description of main activities	Invested amount	Cost
(1) Environmental preservation cost to suppress environmental impact occurring within the area of operation due to main business activities (cost within operation area)	①Pollution prevention cost	<input type="checkbox"/> Atmospheric pollution and water pollution prevention facilities <input type="checkbox"/> Maintenance and inspection of pollution prevention facilities <input type="checkbox"/> Analysis and measurement of atmosphere and water quality	129.0	272.9
	②Earth's environment preservation cost	<input type="checkbox"/> Shift from use of fossil fuel to city gas <input type="checkbox"/> Installation of non-organic chlorine solvent cleaner	220.2	2.7
	③Resource circulation cost	<input type="checkbox"/> Plant waste recycling <input type="checkbox"/> Reduction of industrial waste	0	269.1
(2) Cost for suppressing environmental impact generated at upstream or downstream from main business activities (upstream/downstream cost)		<input type="checkbox"/> Switching of packing materials	0	22.8
(3) Environmental preservation cost for management activities (management activity cost)		<input type="checkbox"/> Maintenance and periodic screening of ISO14001 <input type="checkbox"/> Environmental training	0.1	69.4
(4) Environmental preservation cost for research and development activities (R&D cost)		<input type="checkbox"/> Research and development for lighter and recycled products <input type="checkbox"/> Research and development of products with less toxic chemicals	207.1	106.8
(5) Environmental preservation cost for social activities (social activity cost)		<input type="checkbox"/> Afforestation and maintenance of scenery surrounding plant <input type="checkbox"/> Issuing of environmental/social report	0	15.5
(6) Cost for handling environmental damage (environmental remediation cost)		<input type="checkbox"/> Monitoring and measurement of surrounding underground water	0	0.2
Total			556.4	777.4
Grand total			1,333.8	

Compilation range: Sagami Plant, Kumagaya Plant, Gifu North Plant, Gifu South Plant Target period: April 1, 2006 ~ March 31, 2007

Categories and definitions of environmental preservation cost



[Invested amount]

Expense for the purpose of environmental preservation during the target period with effect that continues for a number of terms and cost running for those periods. (Amount acquired during the current term of the depreciable asset)

[Cost] Cost or loss generated from expenditure of finance/service for the purpose of environmental preservation.