ECO REPORT

2000

NGK SPARK PLUG CO., LTD.
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NGK SPARK PLUGS | NTK TECHNICAL CERAMICS
NGK SPARK PLUG CO., LTD.

CONTENTS

Greetings

It is the wish of everyone that the earth we live in has plentiful green and is of a good environment forever.

However, the various activities of us mankind produce an evil effect on our irreplaceable earth in various ways transcending the natural cleansing ability. Environmental problems on a world scale such as global warming has posed great anxiety for the future of mankind.

It is our urgent task to recover the severe situation of the global environment and to live in symbiosis with the environment, but for this, the government, local government and corporation as well as individuals must renew the way of thinking and act with emphasis on the value of the environment.

There have been many measures taken already in various fields, and fruits in accordance with the endeavors have resulted. Society has been moving toward the greater direction of environmental preservation.

As a company, which will protect the global environment and live in symbiosis with society, NGK Spark Plug Co., Ltd. aims to create new values through all our corporate activities such as the development of products, manufacture, sales and providing services. To achieve this goal, we have compiled the “ Declaration for Environment, ” and have engaged in enthusiastic environmental preservation measures such as “ reduction of waste and promotion of recycling, ” “ promotion of energy saving ” and “ reduction of the use of harmful substances, ” based on our “ Environment Guideline ” which forms the basis of our environmental preservation activities.

At the same time, we have progressed with building the Environmental Management System, and have obtained authorization of the International Environmental Standard ISO14001 for our Head office & Factory and the affiliated companies, NGK Spark Plug Industries Europe S.A. France and NGK Spark Plug MFG.(U.S.A.), Inc. We intend to expand the authorization to our remaining factories in Japan and abroad.

Through these activities, we will make every effort to preserve the environment, and we would like to report our environmental preservation activities and the fruits in fiscal year 1999 in our “ Eco Report. ”

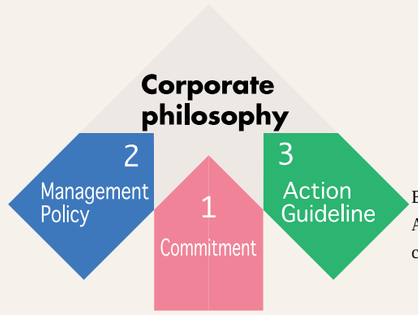
It will be our greatest pleasure if our philosophy and activities regarding environmental preservation will be understood, and we ask you for your opinions and guidance.

Shigenobu Kanagawa, President

July 2000

Corporate philosophy

Three elements constitute our corporate philosophy



Management Policy

We offer a working environment in which each one of us is encouraged to make full use of his or her personality and capability.With all our power we are dedicated to pursue management based on trust and confidence.

Action Guideline

Ever onward !
Always mindful of what is the best course, we swiftly put it into action.

Commitment

With full use of the most suitable technology and our accumulated experience,we continue striving to offer new values to the peoples of the world.

Slogan

With established trust and confidence inside
and outside the company, we aim to contribute to the peoples of the world
by creating and putting at their disposal new values for the future

Corporate Outline

As of May 31,2000

Name of company	NGK Spark Plug Co., Ltd.
Head Office	14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi Pref.
Founded	October 26, 1936
Capital	￥37 billion 57.3 million
Business:	(1) Manufacturing and selling spark plugs and related products for internal-combustion engines. (2) Manufacturing and selling new ceramics and applicable praducts.
Number of Employees	5,256
Head office & Factory	984
Komaki Factory	2,741
Kagoshima-Miyanojo Factory	534
Ise Factory	416
Others	581

Basic Philosophy for the Environment

NGK Spark Plug Co., Ltd.
Declaration for the Environment

Our company aims to create new values through all our corporate activities such as the development, manufacture and sales of NGK spark plugs/ NTK new ceramics products as a company protecting the global environment and living in symbiosis with society.
In order to achieve this goal, we have compiled an environmental action schedule based on our environment policy and will promote management that can be continuously developed and corporate constant recognition of the preservation of the environment.

Environment policy

1. To accurately grasp the effect of corporate activity on the environment, set an environmental objectives and targets. These should be reconsidered regularly for a continual improvement of the Environmental Management System (EMS) and performance for environmental preservation.
2. We will abide by laws, regulations, agreements and other demands we have agreed to concerning environmental preservation.
3. Priorities in environmental measures
   a. We will endeavor to prevent pollution in the air, soil and the water.
   b. We will promote energy saving.
   c. In order to use resources efficiently, we will promote the reduction of waste and recycling
   d.We will endeavor to design and develop products with concern for the environment.
   e. We will have high concern for the environment of the local community.
4. In order to achieve this environment policy, we will make sure our employees know of this policy, and conduct environmental education as well as publicity to improve the level of recognition among our employees for environmental preservation. We will also ask related companies for their understanding and cooperation, as well as disclosing information outside the company.

Environmental action schedule

We have compiled the following schedule based on the environment policy. (partly amended on April 1, 2000)

Item	Action schedule
Building an environmental management system	EMS based on ISO14001 will be founded and employed for the whole company. The Komaki, Ise and Miyanoshiro Factories will obtain authorization by the end of 2000. EMS will be built for related companies including our offices abroad by the year 2005.
Prevention of pollution in the air, soil and water	We will promote control of harmful substances to the environment, and reduce its use. We will build a system to control dangerous and harmful substances and promote employee education. We will totally abolish the use of chlorinated organic solvents by the end of the fiscal year 2002.
Promoting energy saving	We will prevent global warming by reducing the total exhaust quantity of CO_2. We will reduce the energy used per unit by 6%, as compared with the fiscal year1999, by the end of the fiscal year 2005.
Reduction of waste and promoting recycling	We will promote reduction and recycling of industrial waste and aim for zero emission. We will reduce 70%, as compared with the fiscal year1999, of our combustion and burial quantities by the end of the fiscal year 2005.
Product development with consideration for the environment	We will promote technology development, which will contribute to environmental preservation with consideration for the burden on the environment in our product design and development. We will promote expansion of environment related products. We will build and employ an environment evaluation system in product design and development.
Consideration for the environment of the local community	As a member of the local community, we will endeavor to build a relationship in symbiosis with society, through our environmental preservation activities. We will promote cleaning activities in the vicinity of the factories. We will promote the greenery expansion in our compounds. We will enthusiastically participate in the local environmental preservation activities.

Outline of corporate activities for the whole company

Environmental Management System

The Environmental Management System (EMS) is a management system to continuously reduce the burden imposed on the environment through corporate activities such as obtaining raw materials, in the manufacturing process, use of products and waste of products. At our company, we have adopted the ISO14001 standard for the environmental management system.

Obtaining the ISO14001

In August 1999, our corporate activities with consideration for the environment were acknowledged, and our Head office & Factory obtained authorization of the ISO14001. In order to develop further as a corporation, which is kind to the environment, we are aiming to obtain authorization for the Komaki, Kagoshima-Miyanojo and Ise Factories by December 2000. Our company intends to realize a more efficient EMS by our intentions to compile a policy and manual for the whole company. For our related companies abroad, NGK Spark Plug MFG.(U.S.A.), Inc. and NGK Spark Plug Industries Europe S.A. has obtained authorization in May 2000 one after the other.


Head office & Factory


Komaki Factory


Kagoshima-Miyanojo Factory


Ise Factory


NGK Spark Plug MFG.(U.S.A.), Inc.

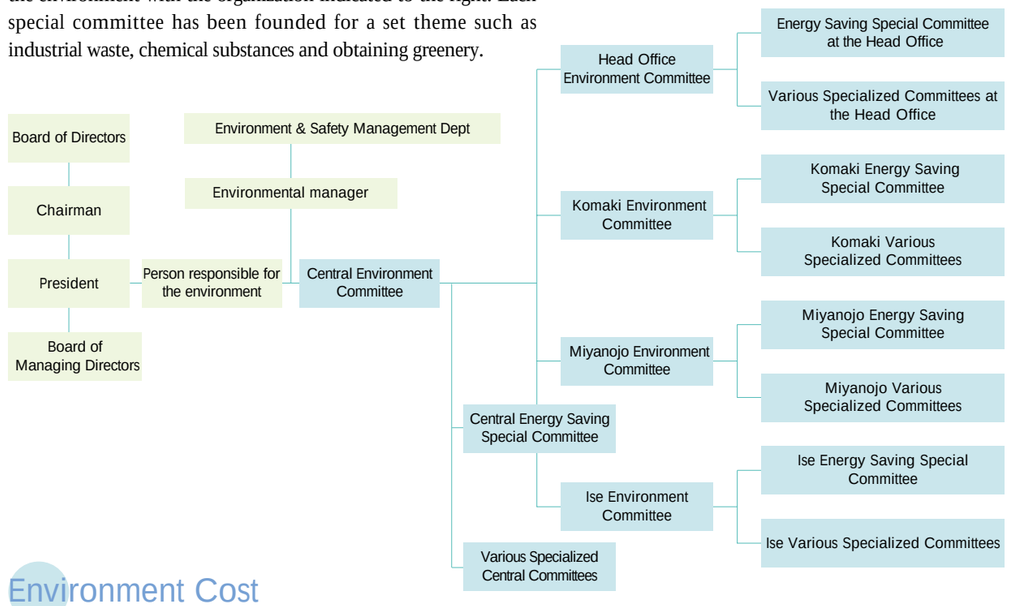

NGK Spark Plug Industries Europe S.A.

What is the ISO14001?

ISO stands for International Organization for Standardization. ISO is a private organization, but its standards have been adopted in many countries with tremendous authority. Standards are set for various fields, and the 9000 series for quality control and the 14000 series concerning the environment are well known in Japan. The 14001, which we obtained after the authorization by the 9000 series, is a standardization of the environmental management system.

Organization for the Environment

At our company, we are promoting the reduction of the burden on the environment with the organization indicated to the right. Each special committee has been founded for a set theme such as industrial waste, chemical substances and obtaining greenery.



Environment Cost

At our company, we have endeavored to build a system of environmental accounting based on the Guideline publicized by the Environment Agency, in March 1999, Concerning the Grasping and Announcement of Environmental Preservation costs (interim compilation), but we regret that we have not reached the stage where we can accurately announce our environmental preservation costs. In the future, we will continue to consider the framework presented in the year 2000 edition of the Guideline for the Adoption of the Environmental Accounting System, and direct our efforts at an early foundation of the “Approach to Environmental Accounting and Calculation System, Taking in Consideration the Perspective of the Effects.”
In this report, we have followed the classification of the 1999 Environment Agency Guideline (interim report) for announcing what we regard as the environmental preservation cost for fiscal year 1999, including some estimated figures.

(Unit: million yen)

1. Costs necessary for direct reduction of the burden on the environment	2,098
2. Costs necessary for the indirect reduction of the burden on the environment	222
3. Costs necessary for the reduction of the burden on the environment to do with the use and disposal of products manufactured and sold.	10
4. Costs necessary for research and development for reduction of the burden on the environment	(Note) ——
5. Costs necessary for social measures for reduction of the burden on the environment	84
6. Other costs related to environmental preservation	13
Total	2,427

(Note)
The research and development costs for the reduction of the burden on the environment in 4 are not yet defined clearly, so we have not listed them this year.

Obtaining greenery

Obtaining greenery is to promote environmental preservation when we purchase products and services and obtain raw materials by
1. always purchase with sufficient consideration for necessity
2. purchase things that have the minimum burden on the environment with priority
3. purchase things from corporations, which are kind to the environment with priority.

At our company, office supplies and daily goods have been subject to purchasing greenery in our activities. In the future, we will begin this measure for our parts and raw materials, and will expand obtaining greenery. In the fiscal year 1999, the greenery-obtaining rate was 40% for office supplies and daily use goods.

Reduction of the Burden on the Environment

We will endeavor to reduce the use of substances posing a burden on the environment to prevent pollution in the air, soil and water.

Regulating the use and emission of substances that pollute the air, soil and water and reducing the burden on the global environment is a precondition for continuing our corporate activities. At our company, we are fully committed to the promotion of control and reduction of substances posing a burden on the environment such as fully abolishing the use of chlorinated organic solvents, which were formerly used for washing parts.

Achievements in environmental preservation

In order to reduce the burden on the environment, we are measuring and checking data of the air, water, noise and ground water for each factory. Our achievements in the fiscal year 1999 were within the standards for each of our Head office & Factory, Komaki, Kagoshima-Miyanojo and Ise Factories, and posed no problems. However, pollution and environment related laws are stricter year by year, and new laws are being enforced. In the future, further reduction of the burden on the environment is necessary. (Environment data for each factory is listed on page 15).

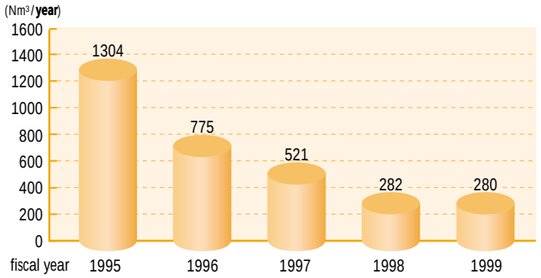
Building a control system for dangerous and harmful

PRTR Law (The Law for the Grasping and Promoting the Improvement of the Emission to the Environment of Specified Chemical Substances) has been enforced since April 2000. In accordance with this enforcement, we are faced with more demand to reduce the use of chemical substances harmful to human health and polluting the environment, and switch over to safe substances. 27 chemical substances we handle in our factories such as lead compounds and hexachrome are subject to this regulation (as of our survey conducted in January 2000), and we are progressing with the building of a system to reduce and sufficiently control these substances.

Reduction of SOx

Sulfuric oxide(SOx) is emitted in the air as sulfurous acid gas when the sulfur in the fossil fuel such as petroleum is combusted, and is the cause of acid rain.
At our company, in order to reduce SOx emission, we are promoting a switch over from crude petroleum to natural gas for fuel used for combustion furnaces and boilers to impose less of a burden on the environment.

Transition of the quantity of SOx emitted



Protection of the Ozone Layer

At our company, we have fully abolished the use of specific flon and 1.1.1-trichloroethane, which destroy the ozone layer from our manufacturing stages and have substituted them with other substances. We are promoting the switch over from flon to other substances for our air-conditioning when we renew our air-conditioning facilities.

Treatment exhaust gas facility(Ise Factory)

Measures for dioxin

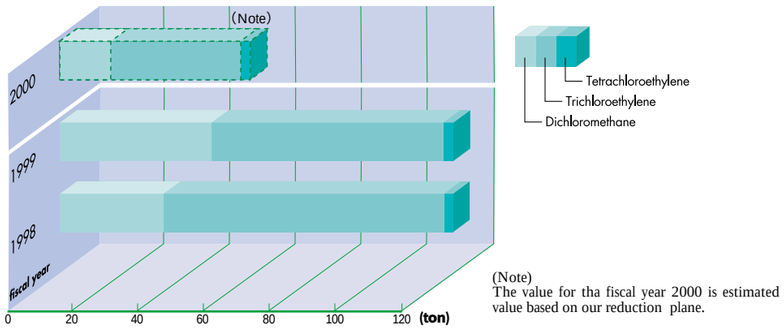
Dioxin arises mainly from combustion of industrial waste. When a man intakes more than the allowable quantity, it is harmful to the human body as a carcinogen and as a hormone disrupting substance.
At our Head office & Factory, we have begun by abolishing the combustion facility regulated by the law in 1994 for our dioxin measures, and have also entirely abolished them in our 4 factories and 18 related companies by February 2000.

Full abolishment of chlorinated organic solvents

We will be abolishing this substance which was used to wash parts by the end of the fiscal year 2002, by switching over to a substitute substance. We aim to fully abolish it at the Head office & Factory by March 2002, the Komaki Factory in September 2000, Kagoshima-Miyanojo Factory in September 2001, and the Ise Factory in September 2001.

Treatment drainage facility (Komaki Factory)

Quantity used



(Note)
The value for tha fiscal year 2000 is estimated value based on our reduction plane.

Energy saving

We will endeavor to reduce the quantity of energy used to preserve the global environment

In order to reduce the quantity of CO_2 emitted, which is the cause of global warming, we need to use energy such as electricity and gas efficiently. Fossil fuel, the source of energy, can dry out in the future. We will endeavor to reduce the quantity of energy (original unit) used by reconsidering the stages and thorough energy saving activities within the company.

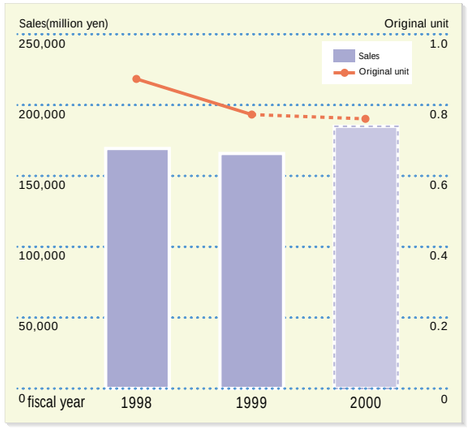
Reduction of the quantity of energy used

We are reducing the quantity of energy used in all the energy consuming facilities such as manufacturing facilities, related machinery, and air-conditioning and lighting equipment used in our departments. In order to proceed with our measures efficiently, our company has established the Energy Saving Special Committee, which considers, plans and confirms the effects of matters related to energy saving.

●Energy saving activities by the Energy Saving Special Committee

- Holding the Energy Saving Special Committee (the Central Committee twice a year and the Local Committee 4 times a year)
- Control of Progress in the fiscal plan
- Energy saving patrol by the special committee members
- Emulation and development of good and efficient cases
- Support for energy saving activities in each department
- Providing information and enlightenment activities concerning energy saving
- Choosing a temperature control manager for every air-conditioning facility for promotion of in-door temperature control
- Reduction activity of electricity used by OA facilities, which are standing by in each office

■Quantity of energy used (original unit) and sales



(note)
1 The original unit is the petroleum energy (kl) used per 1 million yen value added manufacturing quantity.
Value added manufacturing quantity is the actual manufactured quantity in the company calculated by subtracting the processing ordered outside of the company from sales.
2 The quantity of energy used is measured with the (kl) value in petroleum of the quantity of electricity and fuel used.
3 The sales value for the fiscal year 2000 is an estimate and the original unit is the target value.

Energy Saving in the Manufacturing Facilities

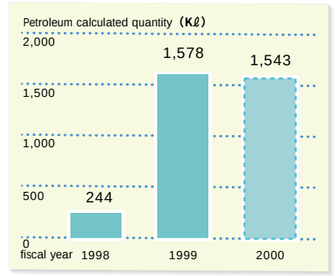
Energy saving

We are conducting voluntary energy saving activities in each department by means of educating our employees concerning the machine facilities.
One measure is the setting of the energy control standard. This enables us to reconsider meaningless energy consumption and reduction.

●Examples of energy saving measures conducted in the fiscal year 1999.

- Rationalization of factory compressed air pressure (766,000 kwh/year)
- Energy saving by means of improvement in the manufacturing process such as a change in the combustion conditions of the furnace (278,684 kwh/year)
- Energy saving by turning the lights off in the automatic vending machines (156,000 kwh/year)
- Stopping the receiving substation transformer at the time of low load (138,000 kwh/year)
- Reconsideration of the capacity of the pump motor to take ground water (14,600 kwh/h)
- Adoption of high-efficiency lighting equipment (7,000 kwh/year)
- Stopping the auxiliary equipment of manufacturing facilities when not manufacturing

■Quantity of energy reduction by energy saving measures in four factories

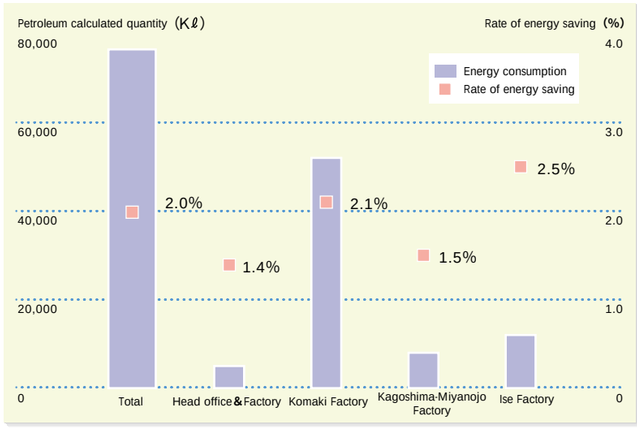


(Note)
1 The quantity of energy reduced is calculated for 12 months per year according to the energy saving measure.
2 The value for the fiscal year 2000 is the target value based on the energy saving plan.

Energy saving in each factory

At our company, we are setting the target energy consumption quantity for each fiscal year based on the company energy original unit reduction target and controlling the energy consumed.

■Energy saving rate in the fiscal year 1999 for each factory



(Note) Rate of energy saving (%) = (quantity of saved energy calculated in terms of crude petroleum / energy used calculated in terms of crude petroleum) x100

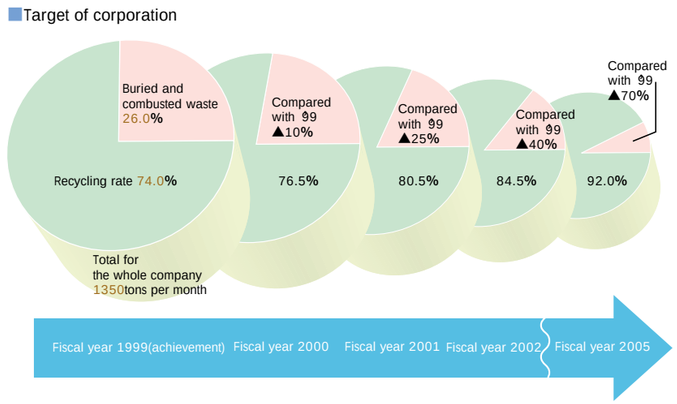
Aiming for zero emission

We will promote recycling for effective use of resources.

We are required today to reduce industrial waste and promote recycling in order to effectively use our limited resources. In our company, we have fully abolished the combustion furnaces subject to regulations in our factories and related companies, based on the Dioxins Measures Special Regulation Law. We are recycling used paper, which has the highest proportion in our combustible waste, as much as possible. Waste to be buried has been thoroughly separated and recycled to reduce its volume, to achieve our target of a cyclical zero emission.

The present situation of waste and reduction plan

Our company produced 1,350 tons of waste per month in the fiscal year 1999. Among this, we recycled a total of 74% in raw materials waste, oil waste and paper waste. We passed the 80% mark target for 1999 in all our factories in the recycling rate of used paper. However, we are presently burying 26% (350 tons) of our waste, and we intend to reduce this by 70% as compared with the fiscal year 1999, by the end of the fiscal year 2005 aiming for zero emission. In our Head office & Factory taking the initiative, buried waste has been already reduced due to reduction of plastic waste and recycling.



Recycling containers and wrapping

The Container and Wrapping Recycling Law was fully enforced in April 2000. When our product, the spark plug for automobiles is replaced by the user, the empty box becomes a domestic waste, and the recycling entrusting fee has been calculated based on the obligatory quantity, with a payment contract. Under this law, grasping of the materials used for containers and wrapping is obligatory (grasping in accounting books) and our company has engaged in:

1. switching to returnable containers,
2. lighter and smaller containers, and
3. switching over to materials with consideration to the environment,

in order to stop the drying out of resources and increase of industrial waste.

Establishing a recycling center

The recycling center is an in-house “Comprehensive Waste Center” and is literally established in the center of each factory. We wanted to change our “just waste” to “a mountain of treasures,” so we secured a first rate site for the building. In the interior, we have distributed the volume reduction machine, measuring machine and reparation chart with containers for each classification. The workers in charge are constantly on duty to communicate with the waste disposal personnel concerning “separation, measurement and bearing the disposal fee” in order to experience by themselves, the fact that “waste is the responsibility of the person who produces the waste” which has been stipulated by law.

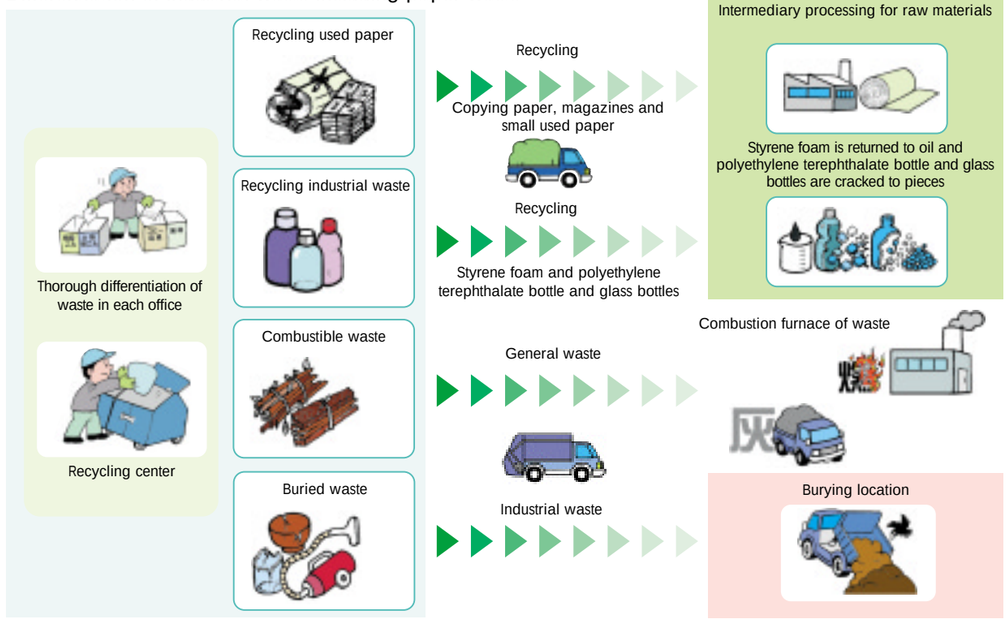
Head Office Recycling center


Ise Recycling center


Miyanojo Recycling center


Komaki Recycling center

Differentiation of industrial waste including paper waste



Development of products kind to the environment

We will progress with products kind to the environment in order to contribute to the preservation of the environment.

Our company has constantly presented products, which contribute to energy and resource saving and reduction of emitted gas in the automobile, information communication and general industries. We consider it our great corporate responsibility to contribute to environmental preservation through our products. In the future we will expand our line of products which are kind to the environment and build a system of environmental evaluation in each stage of design and development.

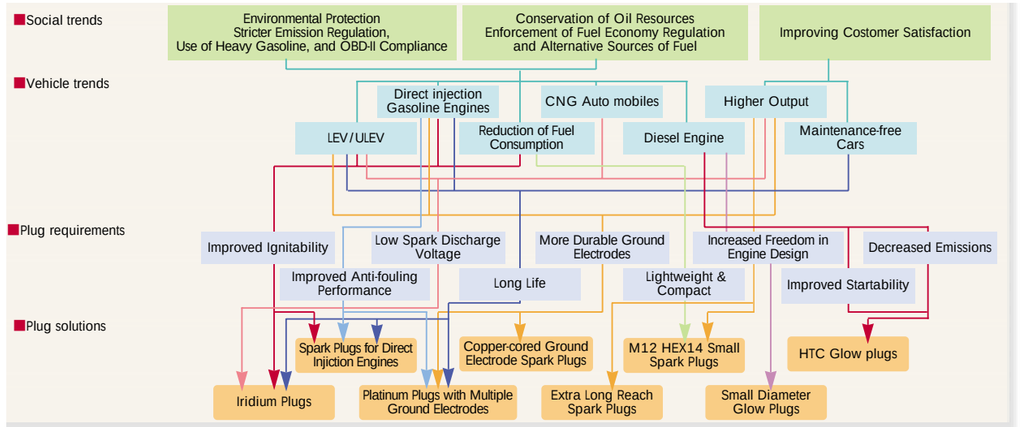
Automobile related area

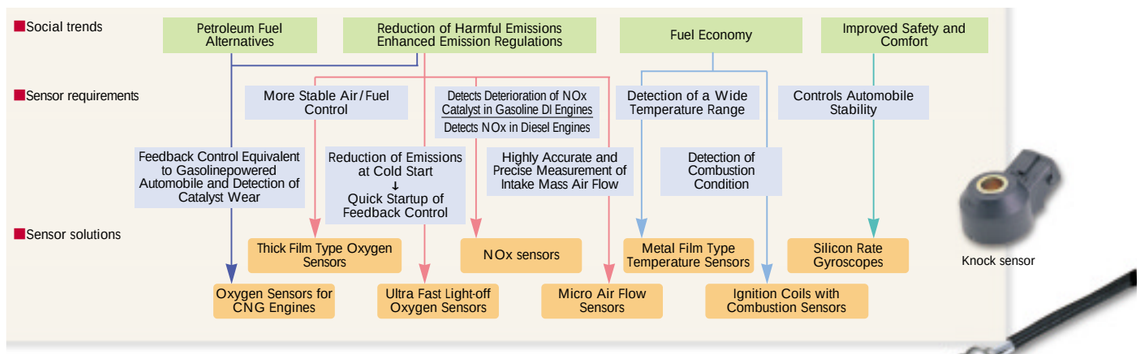
The NGK Spark Plug and the NTK Sensor have been playing important roles in the development of the automobile industry. The spark plug can draw out the full performance of the engine and reduce the fuel consumption, thus contributing to energy saving and reduction of emission gas. The sensor detects the temperature, combustion and emission to control the automobile in its most appropriate condition contributing to reduction of emitted gas and global warming measures. In the future, we would like to expand and develop our line of products, which are kind to the environment.

Iridium IX plug

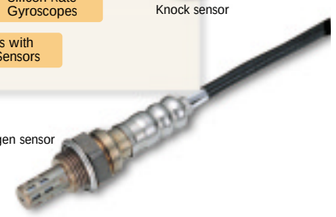
Igniter plug for rocket

V-grooved center electrode plug





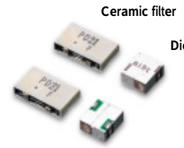
Knock sensor



Exhaust gas oxygen sensor

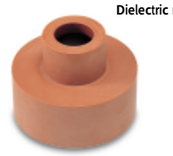
Communication media related area

Demands for our electric parts are increasing all the more in the Information Technology Era. Meeting the needs for compactness, higher density and speed on various electronic appliances and communication media components, we are also conscious of the effects to the environment. We take energy saving and low electricity consumption into consideration, whenever we design and develop various IC packages for PCs, computers, mobile communication machines, and ceramic filters and dielectric filters used for mobile phones.

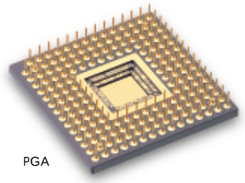


Ceramic filter

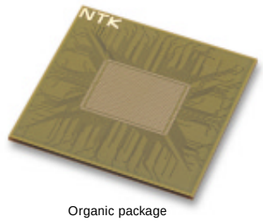
Dielectric filter



Dielectric resonator



PGA



Organic package

Ceramics related area

We provide ceramic products to various industries with the characteristics of heat resistance, abrasion resistance, electric insulation and functionality. We are also developing environment equipment including temperature and humidity detection apparatus and ozonizers.

Duct type temperature and humidity detector, Meteorological Hygrometer

These are temperature and humidity detectors using ceramic humidity sensor. The duct style is used for the optimum control in general air-conditioning, factory air-conditioning and dryers. The meteorological type is used for weather observation.

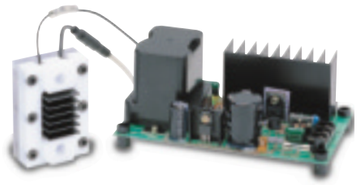
Ozonizer

This is a highly reliable ozone producer using alumina ceramics and high - frequency and high - voltage power source. Using the antiseptic, deodorizing, bleaching effect of the high oxidation power of ozone, it is used in the field of water purification, air purification and deodorizing process.

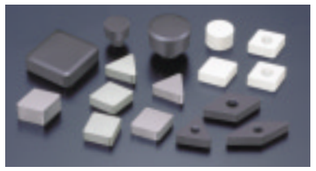
Cutting tools

Ceramic and Cermet cutting tools which have high hardness at high temperatures are fit for the dry operation without using coolant. They prevent environmental pollution by spattering coolant compared with former operation with using coolant, and also reduce the consumption of electricity for oil supplying equipment. They are used in various cutting tool fields.

Duct type temperature and humidity detector



Ozonizer



Ceramic series

Environmental education and enlightenment activities

All our employees play the leading part of global environmental preservation

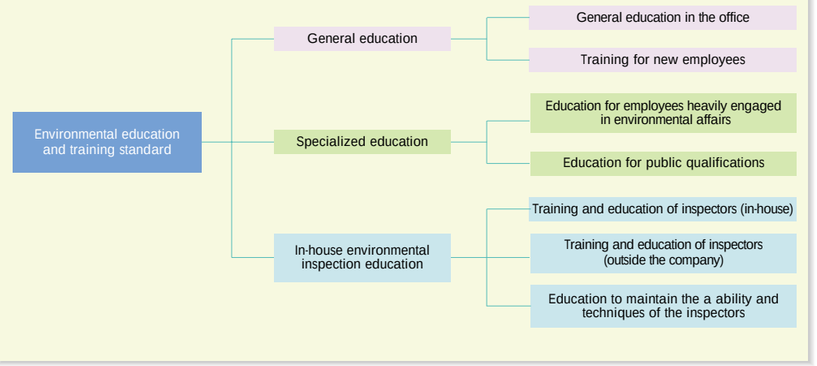
In order to promote environmental preservation, it is indispensable for every employee to deepen recognition and insight in the environment. At our company, we are continually providing environmental education and improving the sense of the workers.

Promotion of environmental education

Based on the environmental education and training standard, we are providing general and specialized education and in-house environmental inspection education.

In-house environment meeting

System of environmental education



Enlightenment activities

We have articles related to the environment in our monthly in-house gazette, “Nittoku” since July 1998. We are also providing information such as environment related news and topics by using the intra-net within the company for enlightenment activities.

Environmental data according to each factory

- Environmental data have been listed for the main control items in each factory. (The blank items refer to raw materials not used in the respective factories.)
- The regulated value listed is the strictest value among the related laws, ordinances, and the pollution prevention agreements with the local cities and districts.

Head office & Factory

Classification	Item		Regulated value	Measured value
Air	particles of soot	(mg/Nm³)	150	3.4
	NOx	(ppm)	180	43
	total quantity of SOx (Nm³/year)		———	7
Water	pH		5.8~8.6	7.3
	SS	(mg/ℓ)	600	61
	BOD	(mg/ℓ)	600	49
	n-hexane	(mg/ℓ)	30	7.3
	cyan	(mg/ℓ)	1	＜0.1
	total chromium	(mg/ℓ)	2	0.44
	chromium compounds (hexavalent)	(mg/ℓ)	0.5	0.28
	bronze	(mg/ℓ)	———	———
	zinc	(mg/ℓ)	5	1.2
	lead	(mg/ℓ)	0.1	＜0.02
	nitrogen	(mg/ℓ)	120	15
	phosphorus	(mg/ℓ)	16	1.1
	colon bacillus (cell number/cm³)		———	———
Noise	during the day	(dB)	70	53~60

Komaki Factory

Classification	Item		Regulated value	Measured value
Air	particles of soot	(mg/Nm³)	200	79
	NOx	(ppm)	200	72
	total quantity of SOx (Nm³/year)		———	273
Water	pH		6.0~8.0	7.2
	SS	(mg/ℓ)	30	9
	BOD	(mg/ℓ)	25	4.6
	n-hexane	(mg/ℓ)	5	＜0.5
	cyan	(mg/ℓ)	0.5	＜0.1
	total chromium	(mg/ℓ)	1	＜0.04
	chromium compounds (hexavalent)	(mg/ℓ)	0.2	＜0.04
	bronze	(mg/ℓ)	1	0.06
	zinc	(mg/ℓ)	3	0.14
	lead	(mg/ℓ)	0.1	＜0.02
	nitrogen	(mg/ℓ)	120	6.7
	phosphorus	(mg/ℓ)	16	1.2
	colon bacillus (cell number/cm³)		———	———
Noise	during the day	(dB)	70	51~59

Kagoshima-Miyanojo Factory

Classification	Item		Regulated value	Measured value
Air	particles of soot	(mg/Nm³)	300	15
	NOx	(ppm)	180	64
	total quantity of SOx (Nm³/year)		———	———
Water	pH		6.0~8.0	7.7
	SS	(mg/ℓ)	35	4
	BOD	(mg/ℓ)	20	5
	n-hexane	(mg/ℓ)	5	2.5
	cyan	(mg/ℓ)	1	0.05
	total chromium	(mg/ℓ)	———	———
	chromium compounds (hexavalent)	(mg/ℓ)	0.5	0.05
	bronze	(mg/ℓ)	3	0.05
	zinc	(mg/ℓ)	5	0.05
	lead	(mg/ℓ)	0.1	0.01
	nitrogen	(mg/ℓ)	———	———
	phosphorus	(mg/ℓ)	———	———
	colon bacillus (cell number/cm³)		3000	0
Noise	during the day	(dB)	65	45~56

Ise Factory

Classification	Item		Regulated value	Measured value
Air	particles of soot	(mg/Nm³)	———	———
	NOx	(ppm)	———	———
	total quantity of SOx (Nm³/year)		———	———
Water	pH		5.8~8.6	7.7
	SS	(mg/ℓ)	90	＜1
	BOD	(mg/ℓ)	25	6.0
	n-hexane	(mg/ℓ)	———	———
	cyan	(mg/ℓ)	———	———
	total chromium	(mg/ℓ)	———	———
	chromium compounds (hexavalent)	(mg/ℓ)	———	———
	bronze	(mg/ℓ)	———	———
	zinc	(mg/ℓ)	———	———
	lead	(mg/ℓ)	———	———
	nitrogen	(mg/ℓ)	120	12.3
	phosphorus	(mg/ℓ)	16	1.9
	colon bacillus (cell number/cm³)		3000	0
Noise	during the day	(dB)	60	45~53

pH：hydrogen ion concentration
SS：concentration of suspended solid in water
BOD：biochemical oxygen demand

List of Offices

Head Office&Factory

14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi Pref. 467-8525
General Administration Dept. Phone 81・52・872・5915
Fax 81・52・872・5999
Automotive Components Group
Spark Plug Div.

Komaki Factory

2808, Iwasaki, Komaki, Aichi Pref. 485-8510
General Administration Sec. Phone 81・568・76・1211
Fax 81・568・76・1299
Automotive Components Group
Spark Plug Div.
Sensor Div.
Communication Media Components Group
Semiconductor Components Div.
Technical Ceramics Group
Cutting Tool Div.
Fine Ceramics Div.

Kagoshima-Miyanojo Factory

2238-1, Tahara, Miyanojo-cho, Satsuma-gun, Kagoshima Pref. 895-1802
General Administration Sec. Phone 81・996・53・2211
Fax 81・996・53・2215
Automotive Components Group
Spark Plug Div.

Ise Factory

871-6, Hosokoshi, Enza-cho, Ise, Mie Pref. 516-1196
General Administration Sec. Phone 81・596・39・1511
Fax 81・596・39・1554
Communicatin Media Components Group
Semiconductor Component Div.
Electronic Component Div.

Our company ecomark

Our ecomark is a symbol of our environmental preservation activities and is placed on documents, boards, posters etc. to do with the environment, and is useful for our enlightenment activities

We chose this ecomark from among the designs by our employees. It is designed from the images of the earth, sun and greenery, together with the letters ECO.

ECO is a shortened form of ecology, and was originally a biology term. It is a study of the relationship between living organisms and the environment, but today it has a broader meaning including environmental preservation activities.

The Eco Report has been compiled concerning the environmental preservation activities of NGK Spark Plug Co., Ltd. and the data listed are obtained before and during fiscal year 1999.

For information contact

General Administration Dept. Phone 81・52・872・5915
Public Relations Sec. Fax 81・52・872・5999

Environment & Safety Management Dept.
Phone 81・52・872・5980
Fax 81・52・872・5942

14-18, Takatsuji-cho, Mizuho-ku, Nagoya, Aichi Pref. 467-8525