



Environmental Report

2019

NIHON DEMPA KOGYO CO., LTD.

CONTENTS

1. Basic Matters

- (1) Greeting
- (2) Scope
- (3) Environmental Philosophy and Policies
- (4) Environmental Policies
- (5) History of Environmental Preservation
- (6) Environmental Management System
- (7) Environmental Management System Certification
- (8) Environmental Education

2. Environmental Performance

- (1) Outline of Environmental Friendly Management
- (2) KPI Results
- (3) Prevention of Air and Water Pollution
- (4) Measurement Data
- (5) Environmental Tasks and Our Response (Summary)

3. Material Balance

4. Environmental Conservation Activities

- (1) Waste Separation
- (2) Saving electricity
- (3) Local Cleanup
- (4) Biodiversity Preservation (Tree Planting)
- (5) Green Procurement

5. Environmental Compliance

- (1) Major Environmental Laws and Regulations
- (2) Wastewater Management
- (3) Polychlorobiphenyl (PCB) Management

1. Basic Matters

(1) Greeting



Representative Director and
President
Hiromi Katoh

NIHON DEMPA KOGYO (hereinafter called NDK) and its groups aim to realize an abundant and sustainable low-carbon society.

In particular., we are actively working on environmental conservation activities such as environmental burdens reduction, resource saving, reduction of CO₂ emission, waste reduction and manufacturing environmental friendly products.

We also promote realization of a sustainable recycling society and business activities which aim to harmonize with nature environment. Aiming for “.NDK takes its part in protecting the environment and is fulfilling its social responsibilities” which is our corporate philosophy, we promise to become a company which can satisfy customers.

While serving as global supplier, our goal is to meet the expectations of customers, and to become a globally trusted company.

(2) Scope

This report introduces NDK's global environmental conservation activities during Apr. 2018 to Mar.2019.

(3) Environmental Philosophy and Policies

《 Environmental Philosophy 》

NDK, as globally operating corporation, aware the importance of environmental substance reduction activity and recycling-oriented society, in the light of our corporate philosophy [NDK is to work on the environment preservation and meet social responsibility]. We, with our will and responsibility, deploy proactive continual environment preserving activities and we pass this precious earth to future generations.

《 Environmental Policies 》

- I. Preserving the global environment is one of the major management issues at NDK. We will carefully analyze and assess the environmental impact of all products and business processes, from product development through design, manufacture, and sale as well as continually improve measures to prevent environmental pollution.
- II. We will observe all relevant environmental regulations and stipulations strictly and maintain and improve environmental management system. Also we will continuously monitor and try to improve it and periodically review it.
- III. We will establish our own standards in the areas of our operations with significant environmental impact. These standards will be based on the present-day realities of technology and economics. We will also review, when necessary, our environmental objectives and targets concerning these activities and progressively improve the management of such activities.
- IV. We will conduct environmental issue training so that all employees understand our Environmental Policy also they can initiate voluntary continuous environment preserving activities.
- V. We will make our Environmental Philosophy and Policies readily available to the public and enlightenment activities.

1. Basic Matters

(4) Environmental Policies

《 Environmental Policies 》

The NDK, based on the NDK Group's Environmental Philosophy and Policies, enacts and implements the following environmental policies.

- a. Preserving the global environment is one of the major management issues at NDK. We will carefully analyze and assess the environmental impact of all plant processes and the development, design, manufacture, and sales of all products; synthetic quartz crystals, crystal units, crystal oscillators, crystal filters, SAW devices, optical components, and ultrasonic transducers and continually improve measures to prevent environmental pollution and to promote pro-environmental activities.
- b. We will observe all relevant environmental regulations and agreements strictly and maintain and improve environmental management systems. We will endeavor to make continual progress in the results of our environmental activities and review and improve the performance of environmental management systems.
- c. We will establish our own standards-as listed below-in the areas of our operations with significant environmental impact. These standards will be based on the present-day realities of technology and economics. We will also review, when necessary, our environmental objectives and targets concerning these activities and progressively improve the management of such activities.
 - I. Promoting the three R's: Reduction, Reuse and Recycling of waste. Its aim is to maintain zero emissions.
 - II. Proper control substances of environmental impact and reduction of usage.
 - III. Reduction of CO2 emission volumes and other green-house gasses.
 - IV. Promoting energy-saving, resource-saving.
 - V. Developing products and manufacturing process that place a minimal burden on the environment.
 - VI. Promoting green purchasing, green procurement.
 - VII. Promoting biodiversity preservation activities.
- d. We will conduct environmental issue training so that all employees understand our Environmental Policy also they can initiate voluntary continuous environment preserving activities.
- e. We will make our Environmental Policies readily available to the public.

1. Basic Matters

(5) History of Environmental Preservation

Table 1. History of Environmental Preservation

		Topic
1994	Mar.	Totally abolished specified CFCs
	Apr.	Launched global environment protection committee
1997	Dec.	Added "NDK takes its part in protecting the environment and is fulfilling its social responsibilities" to Management Philosophy
1999	Jun.	Enacted Environmental Policies for NDK Sayama Plant
	Oct.	Enacted Environmental Philosophy and Policies for NDK group
	Oct.	Revised Environmental Policies for NDK Sayama Plant (consistency with Environmental Philosophy and Policies for NDK group)
	Dec.	ISO 14001 certification obtained (NDK Sayama Plant)
2000	Jun.	ISO 14001 certification obtained (Furukawa NDK)
		ISO 14001 certification obtained (Hakodate NDK)
	Sep.	ISO 14001 certification obtained (Suzhou NDK)
	Dec.	ISO 14001 certification obtained (Asian NDK Crystal Sdn. Bhd.) ISO 14001 certification obtained (NDK Quartz Malaysia Sdn. Bhd.)
2002	Jan.	Certified as Sayama eco-friendly office
	Sep.	Disclosed environmental burdens reduction plan base on Saitama regulations
2003	Jun.	Certified as SONY green partner
2004	May.	Started zero emission activities at Sayama Plant
2005	Aug.	Joined Saitama Green Trust activities
	Sep.	Won an award in Japan Greenery Research and Development Center (Furukawa NDK)
	Oct.	ISO 14001 certification obtained (Niigata NDK)
2006	Mar.	Installed solar energy generation system
	Jun.	Disclosed data on waste/water quality/CO2 (Sayama Plant)
2007	May.	Enlarged greenery area by exterior construction (Sayama Plant)
2009	Jan.	Obtained ISO 14001 certification (NDK HQ)
2010	Mar.	Won "Saitama Environmental Award" (Sayama Plant)
		Achieved zero emission (Sayama Plant)
		Disclosed NDK group Environmental Report
	Sep.	Disclosed reduction plan for greenhouse gas emission (global warming prevention plan) based on Saitama regulations.
Oct.	ISO 14001 certification of HQ and Sayama Plant was integrated	
2011	Mar.	Environmental activities at Sayama plant was broadcasted at Television Saitama
	Jul.	Held environmental education session of Sayama Plant for Sayama citizens
2012	Apr.	Given certification of eco-friendly office from Sayama city
2014	Oct.	Based on automotive global warming prevention policies, introduced as good working office from Saitama prefecture
2015	Jul.	Achieved 6% reduction (2014)of greenhouse gas which is a target of Saitama regulations
2016	Aug.	Achieved 13% reduction (2015)of greenhouse gas which is a target of Saitama regulations
2017	Aug.	Achieved 13% reduction (2016) of greenhouse gas which is a target of Saitama regulations
	Oct.	Being awarded with achieving CO ₂ reduction target of 1 st reduction plan period (FY 2011 to FY 2014) defined by Saitama prefectural ordinance
2018	Aug.	Achieved 13% reduction (2017)of greenhouse gas which is a target of Saitama regulations

1. Basic Matters

(6) Environmental Management System

NDK group actively promotes global environment conservation activities based on “NDK takes its part in protecting the environment and is fulfilling its social responsibilities” which is our corporate philosophy as global company.

Through improving a company-wide environment conservation promoting system, we are making efforts to establish, maintain and enhance environmental management system.

■ Environment-friendly production

We have created a midterm plan with concrete tasks and targets to reduce environmental burdens. As a part of this plan, we promote global warming prevention, waste reduction, chemical management and air/water pollution prevention, etc.

“Green Crystal Technology™” is our own development concept of crystal devices in response to social environmental needs such as CO₂ reduction.

By using the most advance technologies to realize minimization as well as reduction of product weight and power consumption, we pursue overall energy saving through product life cycle, and improvement of environmental performance.

As a result we have achieved 13% reduction of CO₂ emission target and we will continue to maintain and improve looking for higher target in the future.

Also Development Bank of Japan Inc. selected us as a good environmental management company, and gave an environmental rating.

Chart 1. Environmental management organization

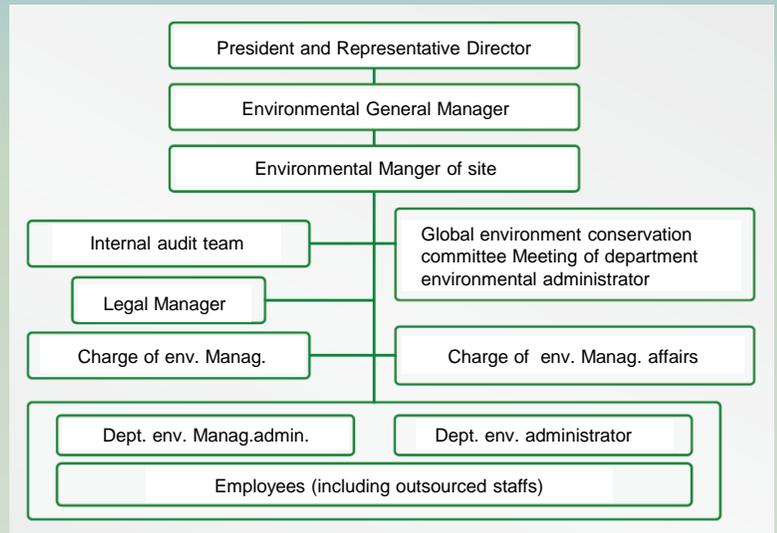
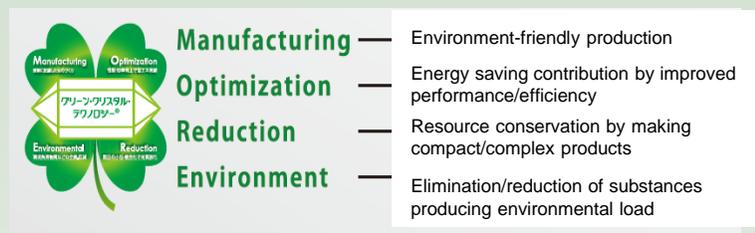


Chart 2. Green Crystal Technology™



1. Basic Matters

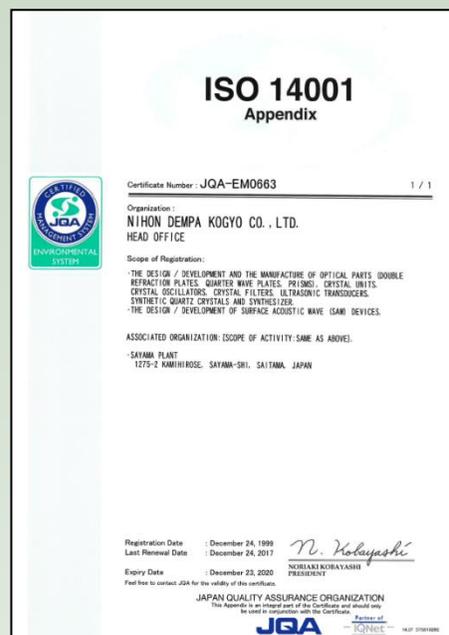
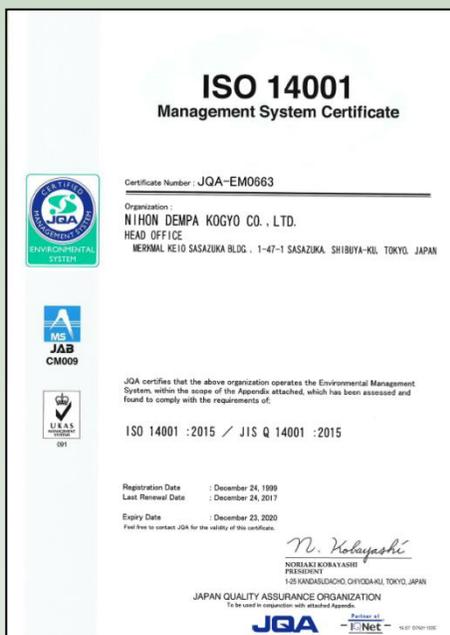
(7) Environmental Management System Certification

ISO 14001 is an international standard for environmental management systems. Such systems are essential to mitigating or offsetting the impact on and risks posed to the environment by an organization's activities, products and services. NDK has acquired ISO 14001 certification for its production sites in Japan and overseas. This exemplifies the way in which we as a group are driving environmental management forward.

Chart 3. Environmental activity sites of NDK group



Chart 4. ISO 14001:2015 Management System Certificate
(NIHON DEMPA KOGYO CO.,LTD.)



1. Basic Matters

(8) Environmental Education

Under the corporate philosophy “NDK takes its part in protecting the environment and is fulfilling its social responsibilities” we are working to enhance environmental awareness of each employee.

Table 2. Environmental education

Items	Method	Target
General knowledge on environment	Environmental education (AB)	All employee
Environmental policies and environmental relating rules	Environmental education (AB)	All employee
Expert knowledge on environment	Education and session for fostering environmental expert	Environment conservation promoter
Internal environmental audit method	Education and session for internal audit commissioner	Internal auditor
Knowledge on environmental laws and regulations	Education for environmental laws/regulations and legal qualifications	Those who engage in legal operations
Knowledge on specified operations	Education for specified operations and handler session	Chemical handler

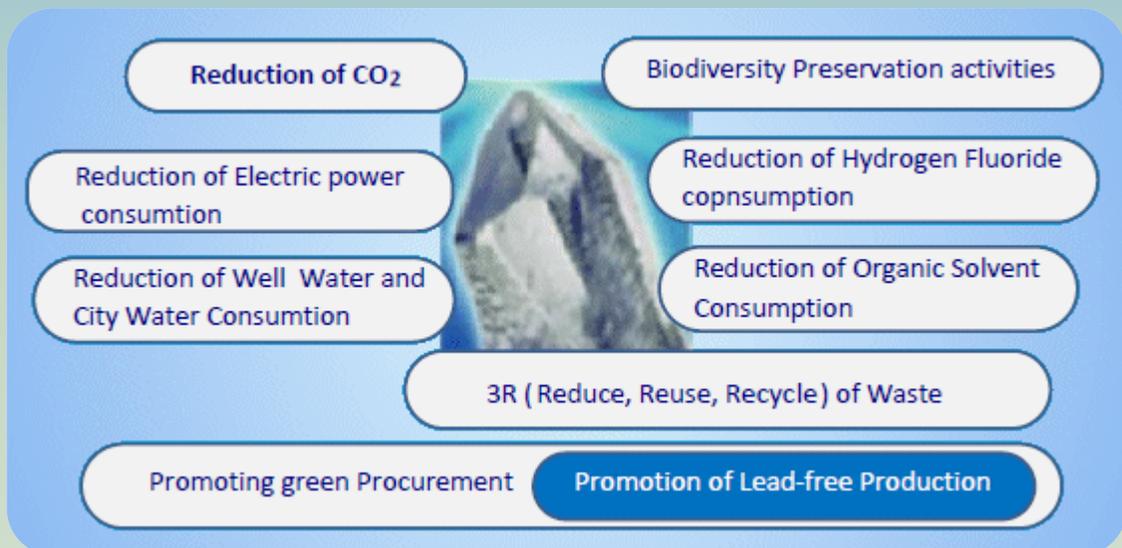


2. Environmental Performance

(1) Outline of Environmental Friendly Management

Environmental management is one of the highest priorities for enterprise management in the 21st century. At NDK, taking steps to conserve the natural environment and fulfill our role as a responsible corporate citizen are vital to the corporate mission underpinning our dynamic actions to reduce NDK's environmental footprint.

Chart 5. Outline of Environmental Friendly Management



2. Environmental Performance

(2) KPI Results (Sayama Factory)

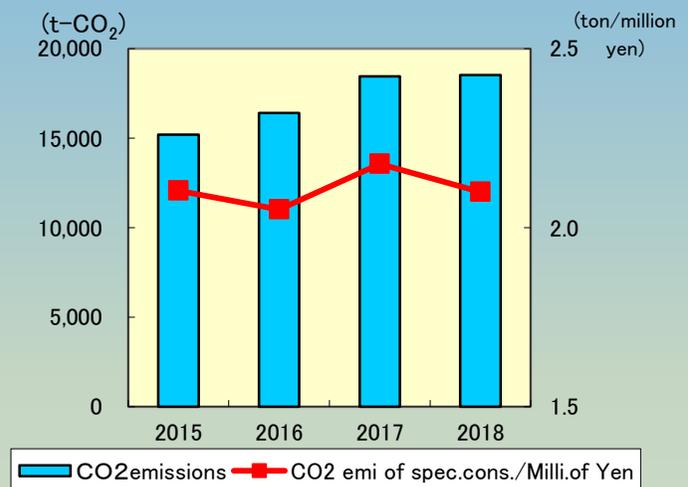
KPI : Key Performance Indicators

[Global warming prevention]

At NDK, we have created a midterm plan including concrete reduction target to reduce CO₂ emission which is the one of the cause of global warming, and promoting it. We are also promoting energy saving activities through such as reduction of energy maintenance loss (complete elimination of waste), reduction of specific energy consumption loss, technology improvement for equipment.

Aiming at reduction of total CO₂ emission amount, following actions are taken. Clarification and control of energy used amount (includes CO₂ /pure water/tap water) per each department, high efficiency machine introduction (replacement of big ventilation chiller unit to energy saving type), promotion of fuel conversion, utilization of natural energy (solar energy generation), efficient use of energy, enhancement of products energy consumption efficiency, product minimization and shift to LED illumination.

Chart 6. CO₂ emission by energy / emission of specific consumption / Millions of Yen



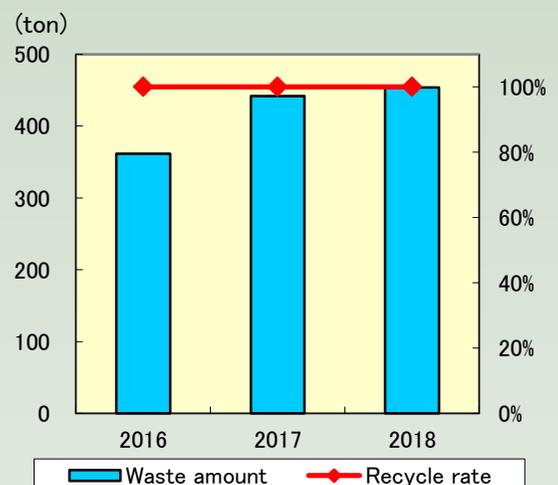
* Saitama Prefecture Law on Promotion of Global Warming Countermeasures: Use the coefficient for the second planning period (2015-2019)

[Waste reduction]

A wide variety of waste is generated through business activities. To reduce waste which is to be disposed finally, NDK sorts and recycles waste from a perspective of efficient utilization of limited resources and reduction of environmental burden.

Waste emission had been on increase along with production amount growth, however, Recycle activities have been gone further since FY 2009 and zero emission (100% recycled) has been kept achieving after that.

Chart 7. Waste emission



(2) KPI Results (Sayama Factory)

KPI : Key Performance Indicators

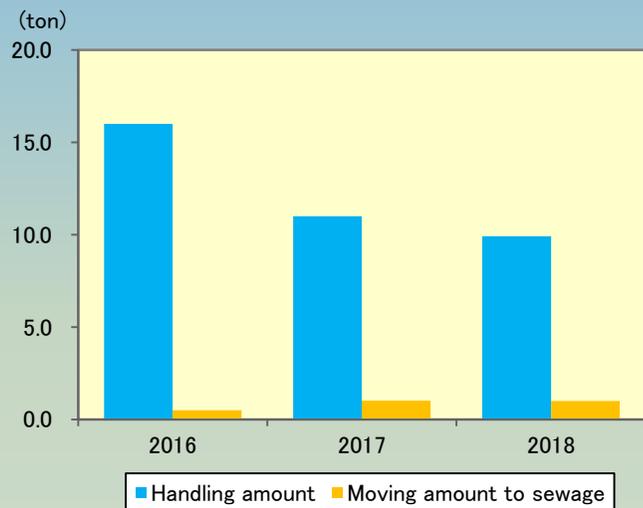
[Chemical management]

At NDK, based on PRTR law(*), we work on the reduction of hazardous substances (class 1 designated chemical substance) emission (to air, water and soil) in addition to monitoring for handling amount, emission and moving amount of objective chemicals, and report to government.

(*) Law concerning Pollutant Release and Transfer Register.

At present the object of PRTR law at NDK is only "hydrogen fluoride and its water-soluble salt". Along with the effort to reduce its handling amount through operation process improvement and defect reduction, it's transformed to sludge by effluent treatment to reduce the moving amount to sewage. The emission to local water (river Iruma) has become 0 and has shifted to sewage since FY 2009.

Chart 8. Use amount/moving amount of hydrogen fluoride



(3) Prevention of Air and Water Pollution

Regarding water pollution prevention, we have set waste/effluent treatment facilities in order to comply with the emission standard of laws and legislations. Aiming at the establishment of recycling society system, positive activities are promoted. Also at NDK there is no facility applicable for air pollution control law.



Effluent treatment facility (Sayama Plant)

2. Environmental Performance

(4) Measurement Data (Sayama Plant)

[Emission]

More than 99.5 % of emission is subjected to the thermal recycle or material recycle.

Table 3. Emission of waste

	unit	FY2014	FY2015	FY2016	FY2017	FY2018
Total discharge amount including waste	ton	239	247	355	442	454
Sludge	kg	183,470	#####	#####	359,416	368,090
Metals (battery)	kg	52	33	38	64	116
Wood	kg	1,340	2,660	5,010	2,510	2,610
Oil	kg	11,903	11,520	11,400	11,193	11,135
Acid	kg	638	466	479	852	7,648
Alkali	kg	20,449	17,336	16,422	19,718	16,070
Glass & Ceramic	kg	13,061	15,628	19,845	18,310	20,240
Plastic	kg	8,866	13,749	12,799	21,291	28,333
* Other	kg	-	-	-	-	-
(low ,high concentration PCB)	kg	-	-	-	8,407	90

* Please refer to P21 5 (3) for PCB waste.

[Resources]

Table 4. Input material amount

Item	Unit	FY 2014	FY 2015	FY 2016	FY 2017	F Y2018
Type A Heavy Oil	ℓ	630	1,140	1,840	670	1,380
L P G	m3	84,896	57,854	65,987	75,250	75,523
Electric Power	MWh	32,402	29,983	32,294	36,311	36,475
Water	m3	258,016	195,051	241,712	315,647	315,647
Water • spec.cons./pcs.	m3/pcs.	0.02564	0.00677	0.00199	0.00188	0.00170

2. Environmental Performance

(5) Environmental Tasks and Our Response (Summary)

a. Zero emission at Sayama Plant

Under the slogan of “If you mix, it will be waste. If you sort, it will be resource”, we have implemented thorough waste sorting and kept achieving zero emission since FY 2009.

b. Water consumption reduction of well water at Sayama Plant / city water

Water consumption amount of well water / city water (specific consumption) was 0.0017m³/pcs in FY 2018 which decreased by 0.00018m³/pcs compared to FY 2017 (0.00188m³/pcs).

c. Reduction of CO₂ emission



According to a Saitama's law concerning the promotion of the measures to cope with global warming, reduction by 6% of standard emission was set as target for 1st plan period (from FY 2011 to FY 2014). For 2nd plan period (5 year after FY 2015), reduction by 13% of standard emission is set. Our result of FY 2018 monthly average was 1,544t-CO₂ and the reduction rate from standard emission is 22.7%. This means that we have succeeded in achieving the target.

We have been awarded with achieving CO₂ reduction target of 1st reduction plan period (FY 2011 to FY 2014) defined by Saitama prefectural ordinance.

d. The result of environmental management program at each department

In FY2018 environmental management program, each department (24 departments) worked on eco-friendly product development, energy saving and defect reduction, and the result was reviewed at global environment protection committee. The achievement rate was 67% (32 cases achieved out of 48 cases).

Almost all department attained energy saving, and we continue to work on the theme such as eco-friendly product development (mainly minimized product).

e. The specification change of environmental management system

ISO14001 had been revised in September, 2015. Though the review period of revision is for 3 years (September, 2018), we have completed it as of audit in November, 2017.

f. Compliance

Person in charge of environmental control investigates the compliance status of environmental laws and directives to confirm that laws, directives and local regulations are appropriately complied with.

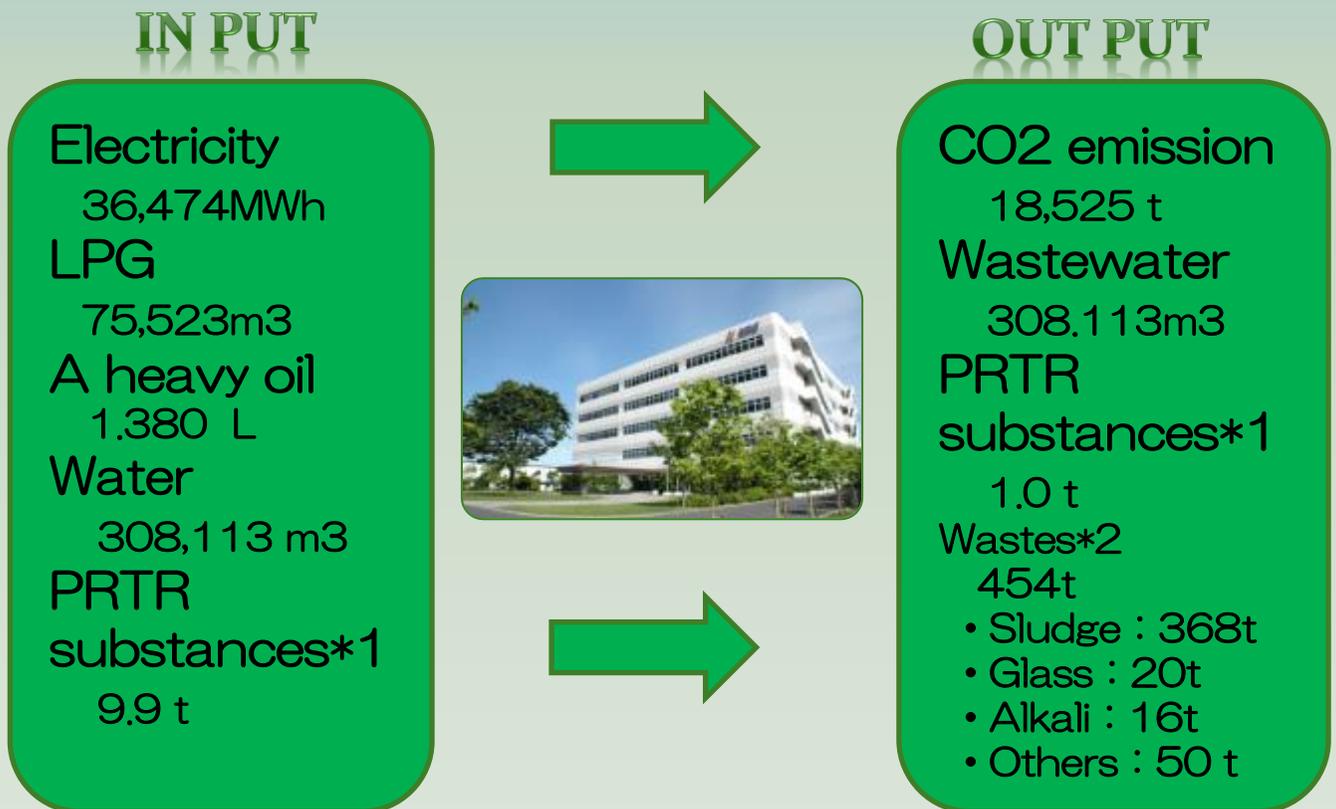
3. Material Balance

[FY2018 material balance]

Understanding the status of environmental burdens generated through business activities is significant to implement eco-friendly activities and to reduce environmental burdens. Main environmental impact through business activities are greenhouse gas and emission of chemicals/wastes.

Regarding greenhouse gas, we understand CO₂ emission through energy consumption as specially important environmental aspect, and are promoting energy saving activities. Not only reducing environmental burdens, NDK aims for the contribution to the establishment of a sustainable society, and we would like to contribute the solution to environmental tasks through environmental cleaning and clean energy use.

Chart 9. FY2018 material balance



*1. PRTR substances means hydrogen fluoride and its water soluble salt.

*2. More than 99.5 % of emission is subjected to the thermal recycle or material recycle.

4. Environmental Conservation Activities

(1) Waste Separation

[Waste separation at workplace]

Waste sorting manual is posted on intra-web. Under the slogan of “If you mix, it will be waste. If you sort, it will be resource”, we have implemented thorough waste sorting.

Waste sorting



[Valuables from waste]

After waste sorting, we promote recycling.

“Waste needs money to be disposed of. Valuables turn in to money.”

Scrap-yard



Waste sorting (recycling)



4. Environmental Conservation Activities

(2) Saving electricity

At Sayama Plant, the representative and promoter of energy saving are appointed at each workplace to promote energy saving activities.

Table 5. The list of energy saving activities

	All year	Summer	Winter	Items
Illumination	<input type="radio"/>			Use only the half of light at workplace
	<input type="radio"/>			Introduce pull switch for the area where is not used frequently
	<input type="radio"/>			Turn on a light where only use
	<input type="radio"/>			Turn off a light before/after working hours and during lunch break
	<input type="radio"/>			Turn off a light if necessary illuminance is ensured (such as sunny day)
	<input type="radio"/>			Turn off a light of where nobody use
	<input type="radio"/>			Turn off a light of meeting room and break room when you leave
Ventilation		<input type="radio"/>		To save energy, come to an office early rather than staying late
		<input type="radio"/>		Appropriate temperature setting for operation area is 28°C *Not applicable for manufacturing area
			<input type="radio"/>	Appropriate temperature setting for operation area is 20°C *Not applicable for manufacturing area
		<input type="radio"/>		Stop the ventilation when it's working too much
	<input type="radio"/>			Clean the ventilation filter regularly *once every two weeks
		<input type="radio"/>		Set the blind, heat barrier films or bamboo blind for the window where sunlight hits
	<input type="radio"/>			Turn on the ventilation where only use
			<input type="radio"/>	Shut the blind or curtain after sunset to keep warm air
	<input type="radio"/>			Close the window or shut the door of area where ventilation is working
Officer automation machines	<input type="radio"/>			Turn off the ventilation of meeting room when you leave
	<input type="radio"/>			Close the laptop or turn off the monitor of desktop when you leave
	<input type="radio"/>			Disconnect the plug of electric machines not in use
	<input type="radio"/>			Disconnect the plug of desktop when you leave an office
	<input type="radio"/>			Charge the battery of laptop at night and disconnect AC adopter during daytime
	<input type="radio"/>			Disconnect the plug of PHS battery not in use
Others	<input type="radio"/>			Turn on the standby mode of complex machine/copy machine not in use
	<input type="radio"/>			Use an item which helps for energy saving, considering for cost-effectiveness

4. Environmental Conservation Activities

(3) Local Cleanup

[Saitama road support system]

Sayama Plant joins “Saitama road support system” which Saitama prefecture promotes. This system recruits the organization which voluntarily cleans the road and aims to realize comfortable and clean road environment in cooperation with company and citizen.

《Activities》

We clean the area around the Sayama plant for 4 times a year.

Cleaning area



(4) Biodiversity Preservation

[Sayama Plant greening]

At Sayama Plant, we work on greening to preserve biodiversity.

[Using FSC-certified paper]

As a part of biodiversity preservation, we actively use FSC*-certified paper.

*FSC : Forest Stewardship Council

Greened Sayama Plant



FSC mark



4. Environmental Conservation Activities

(5) Green Procurement

Our products don't contain hazardous substances and new products are all lead-free in particular. We also promote the switch to lead-free products of conventional products.

NDK is doing everything it can to procure materials and components produced in environmentally friendly factories that have a low environmental impact and which are energy efficient, require few resources, and are free of harmful substances. At NDK, we are developing a Green Partner network consisting of NDK, our suppliers, and our customers and supplying products that have lower environmental impact.

[Supplier priority criteria]

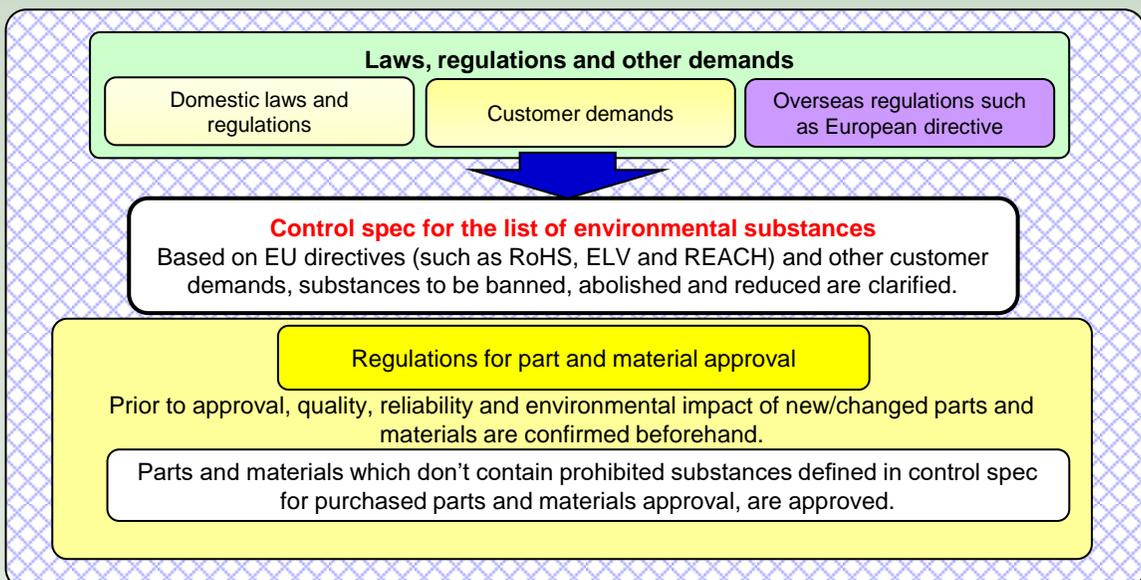
Aspects below are considered in green procurement.

- 1) Suppliers which actively promote environmental preservation are taken on priority.
- 2) Parts and materials which have less environmental burdens are taken on priority.

[Evaluation/Judgment criteria]

- 1) Supplier evaluation/selection (corporate culture)
 - Environmental initiatives by ISO14001 certification
 - Voluntary environmental initiatives (not certified with ISO14001)
- 2) Product criteria
 - Resource saving of product
 - The control and compliance of environmentally hazardous substance
 - Resource saving of product packing
 - The control and compliance of environmentally hazardous substance in product packing
- 3) Environmental risk criteria
 - Implementation of environmental risk management

Chart 10. Environment related substances control



5. Environmental Compliance

(1) Major Environmental Laws and Regulations

Based on an in-company regulation (control rules for environmental laws and regulations), we investigate and assess the compliance status to environmental laws and regulations, and local regulations.

Table 6. Major environmental laws and regulations

Section	Name
General	The Basic Environment Law
	Act on Improvement of Pollution Prevention Systems in Specified Factories
Global environment	Act on Promotion of Global Warming Countermeasures
Air pollution and offensive odor	Road Transport Vehicle Act
	Act Concerning Special Measures for Total Emission Reduction of Nitrogen Oxides and Particulate Matter from Automobiles in Specified Areas
	Act on Freon emission restriction
	Act on the Protection of the Ozone Layer Through the Control of Specified Substances and Other Measures
	Offensive Odor Control Law
Noise and vibration	Noise Regulation Law
	Vibration Regulation Law
Water pollution and subsidence	Water Pollution Control Law
	Soil Contamination Countermeasures Act
Streamlined energy use Waste and recycle	The Basic Law for Establishing the Recycling-based Society
	Waste Management and Public Cleansing Law
	Law Concerning Special Measures Against PCB Waste
	Law for Recycling of Specified Kinds of Home Appliances
	Act on Promotion of Recycling and Related Activities for Treatment of Cyclical Food Resources
	Law for Promotion of Sorted Collection and Recycling of Containers and Packaging
	Act on the Promotion of Effective Utilization of Resources
	Basic Act on Energy Policy
	Act on the Rational Use, etc. of Energy
	Construction Materials Recycling Law
	Act on Recycling, etc. of End-of-Life Vehicles
Chemical substances	Law Concerning the Reporting of the Release into the Environment of Specific Chemical Substances and Promoting Improvements in Their Management
	Order for Enforcement of the Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.
	Poisonous and Deleterious Substances Control Law
	the Fire Services Act (dangerous materials)
	High Pressure Gas Safety Act
Land use	Factory Location Act
Others	Electricity Business Act
	Radio Act
	Basic Act on Biodiversity
Sewerage	Sewerage Act

5. Environmental Compliance

(2) Wastewater Management

[Water Quality]

As to drainage, according to the inspection based on the laws and regulations, there is no problem.

Below are result of 2018check.

Table 7. The limit and contained amount of restricted substances
(Hazardous substances)

Items	Unit	Limit	Measured value
Cadmium and its compounds	mg/l	0.1	< 0.001
Cyanogen compound	mg/l	1	< 0.1
Organophosphorus compounds	mg/l	1	< 0.10
Lead and its compounds	mg/l	0.1	< 0.05
Hexavalent chromium compound	mg/l	0.5	< 0.01
Arsenic and its compounds	mg/l	0.1	< 0.005
Mercury and its compounds	mg/l	0.005	< 0.0005
Alkyl mercury compounds	-	Not to be detected	Not detected
Polychlorinated biphenyl	mg/l	0.003	< 0.0005
Trichloroethylene	mg/l	0.1	< 0.01
Tetrachloroethylene	mg/l	0.1	< 0.01
Dichloromethane	mg/l	0.2	< 0.02
Carbon tetrachloride	mg/l	0.02	< 0.002
1, 2 – Dichloroethane	mg/l	0.04	< 0.004
1, 1 - Dichloroethylene	mg/l	1	< 0.1
Cis - 1, 2 - Dichloroethylene	mg/l	0.4	< 0.04
1, 1, 1 - Trichloroethane	mg/l	3	< 0.3
1, 1, 2 - Trichloroethane	mg/l	0.06	< 0.006
1, 3 - Dichloropropene	mg/l	0.02	< 0.002
Thiuram	mg/l	0.06	< 0.006
Simazine	mg/l	0.03	< 0.003
Benthiocarb	mg/l	0.2	< 0.02
Benzene	mg/l	0.1	< 0.01
Selenium and its Compounds	mg/l	0.1	< 0.02
Boron and its Compounds	mg/l	10	< 0.1
Fluorine and its Compounds	mg/l	8	5.2
1, 4 - Dioxane	mg/l	0.5	< 0.05
Ammonia and its Compounds	mg/l	100	6.5

5. Environmental Compliance

(2) Wastewater Management

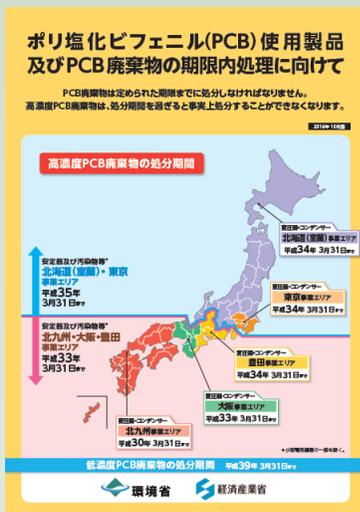
Table 8. The limit and contained amount of restricted substances (other drainage)

Items	Unit	Limit	Measured value
pH	pH	$5.8 \leq \chi \leq 8.6$	7.6
BOD	mg/l	160	17.1
COD	mg/l	160	4.8
SS	mg/l	200	8.6
n-Hex (mineral oil)	mg/l	5	< 1.1
Phenol	mg/l	5	< 0.10
Copper	mg/l	3	< 0.10
Zinc	mg/l	2	< 0.10
s-Fe	mg/l	10	< 1.0
s-Mn	mg/l	10	< 1.0
Nitrogen	mg/l	120	15.6
Phosphorus	mg/l	16	< 0.10

(3) Polychlorobiphenyl (PCB) Management

The condition of PCB waste storage and disposal is notified to Saitama Prefecture in accordance with the provisions of Article 8 of Law Concerning Special Measures Against PCB Waste. We have completely discarded low and high concentrations of PCBs by 2018.

The place where the PCB was stored.





NIHON DEMPA KOGYO CO.,LTD.

[Environmental Report 2019]

Editorial policy

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