

Environmental Education/Awareness Activities

We believe it is vital that all employees improve their knowledge of environmental matters, and to this end, related manuals, regulations and procedure must be put in place, and we must attain the necessary specialised knowledge and techniques, in order that environmental conservation activities can be rolled out effectively.

General Environmental Education

We are working on improving the overall level of our employees' awareness, with appropriate educational systems implemented at every level, throughout each plant and workplace within the company.

- Executive management education (general environmental management, ISO 14001, management responsibilities, etc.)
- Education of new employees (general environmental awareness, Nikon's environmental activities)
- Environmental seminars for mid-level employees (general environmental management, ISO 14001, product assessment, etc.)
- Education of EMS representatives (environmental policy, environmental objectives, environmental manuals/regulations/procedures, evaluation procedure for environmental aspects)
- Everyday on-the-job education (general environmental management, environmental manuals/regulations/procedures, separation of waste and recycling, energy saving, paper and resources saving, environmental targets, etc.)

Awareness Activities

Nikon implements a full programme of awareness activities, with the aim of supplying information, informing employees of new policies and increasing awareness in environmental matters, as well as applying standards for decision-making.

- Publication and distribution of "Environment/Product Safety Information", for use in product development
- Publication of environmental awareness journals "Report from the Environmental Administration Group" and "Environmental Study" (in Japanese) on electronic notice boards
- Publication and distribution of "ISO Update" (Ohi Plant), "EMS News" (Yokohama and Sagami-hara Plants) and "ISO 14001 News" (Mito Plant)
- Sharing of ideas, mottoes, posters, etc. promoting environmental conservation, with adjudication and prizes awarded for the best ideas
- Organising of environment awareness month
- Implementation of an energy-saving patrol
- Distribution of an environmental strategy card showing the environmental policy and objectives to all employees
- Clear posting and notification of all waste-separation categories and provision of waste-disposal areas that encourage recycling
- Notice boards within the workplace, displaying such information as environmental objectives, targets, and management programmes
- Display of environmentally friendly office supplies within the workplace



EMS News (Yokohama Plant)

Nikon is developing the following environmental education and awareness activities, which are to be provided to all employees. Some group companies and suppliers are also required to participate in the education process.

Specialist Environmental Education

Nikon employees are encouraged to undertake specialist education both within and outside the company, in order to gain the necessary knowledge, skills and technical abilities to carry out their individual responsibilities with consideration for the environment. We are working to develop specialists and increase specialist knowledge within the company.

- Internal environmental auditor development course
- Control of chemical substances (handling procedures, PRTR, etc.)
- Environmental facilities operation management
- Specialised industrial waste management qualification training
- Energy management training
- Pollution prevention management training
- Education for persons in charge of handling dangerous substances

【排出物処理早見表(1)】 (一般職場用) 2018年10月 大正印刷産業株式会社

No.	種類	排出方法	注意事項	備考
1	硬質ごみ	1日1回毎朝 10:00前まで 10:00以降	上蓋・蓋物・傷み(100サイズまで)を別袋で分別し 分別の上蓋物(蓋物・蓋物) 分別は、フィルム、ラップ、紙類、雑品、プラスチック、テープ等 この中から分別して分別袋 分別袋は必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋 分別袋
2	紙くず	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
3	新聞・雑誌・1kg以下	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
4	紙製プラスチック	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
5	ペットボトル	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
6	プラスチック 金属の硬貨	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
7	電池	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
8	ボール	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
9	蛍光灯	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
10	電球・ランプ類	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
11	OA・電子機器類 (電気製品)	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
12	トナーカートリッジ	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
13	電線	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
14	金属類	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
15	ガラス・陶磁器類	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
16	飲料缶	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
17	飲料瓶	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋
18	紙片類	1日1回毎朝 10:00前まで 10:00以降	分別袋に入れ、分別袋の口は必ずテープで封鎖する 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ	分別袋

(注)1) 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ、分別袋の口は必ずテープで封鎖する。
(注)2) 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ、分別袋の口は必ずテープで封鎖する。
(注)3) 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ、分別袋の口は必ずテープで封鎖する。
(注)4) 分別袋は、必ず上蓋物(蓋物)を別袋に入れて分別袋に入れ、分別袋の口は必ずテープで封鎖する。

Waste separation notification for recycling (Ohi Plant)

Examples of Recycling and Other Activities

Recycling of PET bottles (used for soft drinks, alcohol and soy sauce) and glass began with the introduction of the “Container and Packaging Recycling Law”, in April 1997. The most important factor in effective recycling is ensuring the quality of the recycled product, which depends on the cooperation of individuals. In order to help our employees realise that “refuse” can be turned into

“resources” through effective separation, we have installed waste collection containers known as “Resource Collection Boxes”, and encourage the separated disposal of waste on a day-to-day basis. We also implement a clean workplace policy as the basis of all our work, and carry out risk management in the event of an emergency.

Examples of Recycling



Recycling box at Ohi Plant

Collection of used reading matter

We have implemented separated collection and recycling of newspapers, magazines and catalogues. We also promote the recycling of copier paper. This separation of paper items has long been practised within the company, and employees are used to cooperating in this way with regard to environmental matters.



The resource recycling box at Ohi Plant

Recycling of waste plastics

Recycling of PET bottles is contracted to an external agent, who uses them as raw material for a deoxidising agent in blast furnaces. (The PET bottles convert to deoxidising gases — carbon monoxide and hydrogen — when burned in a steel-making blast furnace). With the exception of plastic containing vinyl chloride or metal alloys, other plastic waste is contracted to an outside agent for use as RDF.



IPA recycling equipment in use at Sagami Plant

Recycling of IPA (isopropyl alcohol)

We use specialised equipment to refine used IPA for further use. This has enabled a significant reduction in the amount of new IPA we need to procure. We also carry out the recycling of dichloromethane.



Unused equipment and office supplies, and some of the space created through disposal



Clean workplace policy and recycling promotion

The Yokohama Plant has implemented a clean workplace policy, and cleared out approximately 30 tons of unused equipment and office supplies, which they were able to recycle. This led to the creation of a significant amount of extra space, and various improvements to the working environment. These clean workplace activities continue.

Example of Risk Management



Emergency equipment permanently located at Ohi Plant

Emergency equipment

We have located stores of emergency equipment, such as oil absorbing cloths to prevent oil leaks from contaminating external areas, in all main departments. We also educate our staff on how to deal with such emergencies.

Contributing to Society

Nikon tries to live in cooperation and harmony as a member of society, and carries out various community-based activities in order to maintain close links with society.

Company employees are involved in many projects to clean local roads, rivers and the areas surrounding our places of business.



Local cleanup activities

Nikon cooperated with local citizen's groups in cleanup activities in an area near the Ishikawa River, which runs south of the Mito Plant. Nikon employees have taken part in this activity, which is organised annually by Mito City, since its inception in 1990. Other plants also take part in local cleanups, as a way to express their dedication to improving their local environments.

We also receive study visits from pupils at elementary and junior high schools, thereby deepening our contact with the local community. We also support organisations that are involved in nature preservation. These activities are an expression of our dedication to the society of which we are a part.



Plant study tours

Pupils from a local junior high school visited the Sagami-hara Plant. Study tours are also offered of our environmental facilities. Many other visitors tour our plants, enabling the formation of strong community links. Similar tours are carried out at other plants.



Support for nature preservation organisations

Nikon is a corporate member of the "Wild Bird Society of Japan", the "Nature Conservation Society of Japan", the "Japanese Society for Preservation of Birds" and "The Shiretoko Nature Foundation", supporting the activities of all of these organisations.



Support for United Nations University World Environment Day Events

The United Nations has designated June 5 as "World Environment Day". In conjunction with this, Nikon supported the "United Nations University World Environment Day Events" organised by the United Nations University.