

Quality and Environment Management System

Certification of the Quality Assurance System

To raise the level of customer satisfaction, Nippon Kayaku began efforts from 1995 to acquire certification under the international quality management standard ISO9001 at our plants. Since then, all divisions ranging from research to sales at our district offices including Nippon Kayaku Group companies have been working on gaining certification.

Certification of the Quality Assurance System

Organisation	Certification	Date of certification	The main products or service
Asa Plant	ISO9001	January, 1995	The design, development and manufacture of epoxy resins, ultraviolet-electronic beam curable resins, flocculants, explosives and catalysts
Tokyo Plant	ISO9001	June, 1995	The manufacture of dyes, fluorescent whitering agents, sophisticated colourants, resin and bluk pharmaceuticals
Fukuyama Plant	ISO9001	June, 1995	The manufacture of sophisticated products, dyestuffs and organic intermediates
Kashima Plant	ISO9001	December, 1995	The development and manufacture of pesticide active ingredients and formulations, termiticide and animal repellent
Safety Systems Group	ISO9001	September, 2007	The design, development and manufacture of squibs and micro gas generators
Takasaki Plant	ISO9001	July, 2003	The manufacture of pharmaceuticals, active pharmaceutical ingredients and intermediates, in vitro diagnostics
Indet Safety Systems a.s..	TS16949	October, 2003	The design, development and manufacture of squibs and micro gas generators
Functional Chemicals Group	ISO9001	January, 2001	The development, sale and management on consignment manufacture of epoxy resins, ultraviolet-electronic beam curable resins. Research & development, sales and production control of own manufacturing plants of Colors for inkjet printing.
Explosives Division	ISO9001	February, 2004	The development, manufacture, sales and management of contract manufacture of explosives
Pharmaceuticals Group	ISO9001	September, 2003	The research & development, sale and production control of pharmaceuticals, in vitro diagnostics and active pharmaceutical ingredients
Agrochemicals Division	ISO9001	September, 2003	Research & development,sales, in-house production control and management for toll-manufacture of agricultural chemicals
Nippon Kayaku Food Techno Co., Ltd.	ISO9001	November, 2003	The development, production and sales of oxygen absorbers and the development, management of consignment manufacture, and sales of released alcohol preparations and chitosan for food
Polatechno Co., Ltd.	ISO9001	January, 1999	Design, development, and manufacture of polarizing plates, retardation films, and its processed goods
LifeSparc Inc	TS16949	July, 2003	Manufacture and design of automobile safe parts
Color Chemicals Division	ISO9001	December, 2006	Development and sale, of paper and the dye for fibers, management of comission manufacture
Wuxi Advanced Kayaku Chemical Co., Ltd.	ISO9001	April, 2007	Manufacture and sale of dye and its intermediates
Zhaoyuan Advanced Chemical Co., Ltd.	ISO9001	March, 2005	Manufacture and sale of dye and its intermediates
Kayaku Chemical (Wuxi) Co., Ltd.	ISO9001	July, 2005	Manufacturer and sale of electronic material related resins

Certification of the Environmental Management System

In order to promote our Responsible Care activities more effectively, Nippon Kayaku has been working towards ISO14001 certification, the international standard for environmental management. By fiscal 2001, all six plants had achieved certification.

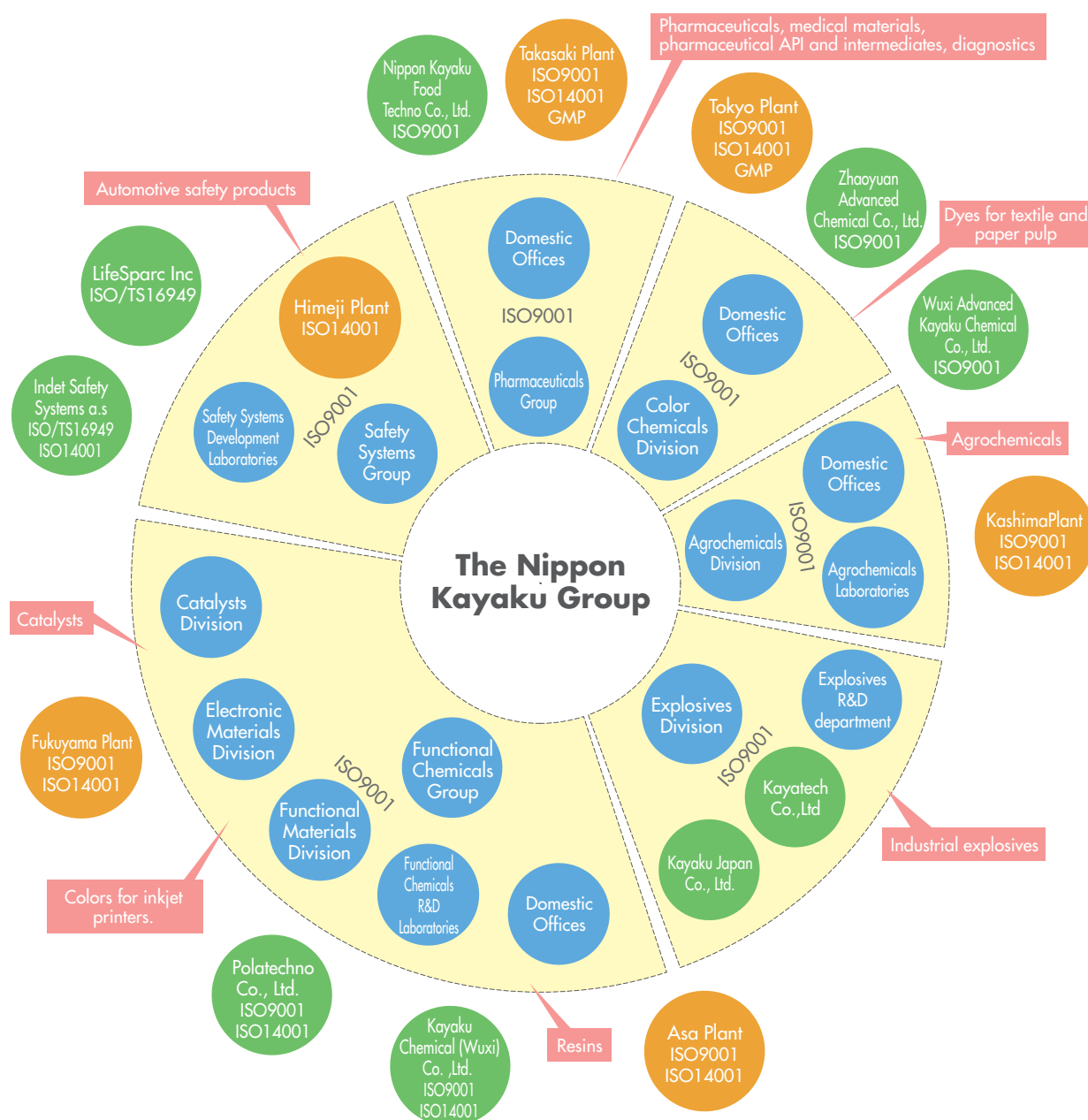
Certification of the Environmental Management System

Organisation	Date of certification	The main products or service
Asa Plant	September, 1998	Explosives,catalysts,epoxy resins, ultraviolet electronic beam-curable resins, bulk pharmaceutical chemicals
Tokyo Plant	December, 1998	Bulk pharmaceuticals, intermediates for pharmaceuticals, dyestuffs, sophisticated colorants and resins
Kashima Plant	March, 1999	Pesticide ingredients and formulations, termiticide and animal repellent
Fukuyama Plant	April, 1999	Ultraviolet-electronic beam curable resins, pigments,colorants for resins, dyestuffs, sophisticated colorants,organic intermediates
Takasaki Plant	January, 2000	Pharmaceuticals,active pharmaceutical ingredients and their intermediates,in vitro diagnostics
Himeji Plant	January, 2001	Inflator for automobile air bag,and gas generator for seat-belt tensioners
Polatechno Co., Ltd.	August, 2002	Polarizing plates, and retardation films
Indet Safety Systems a.s	December, 2002	Squibs and micro gas generators
Kayaku Chemical (Wuxi) Co., Ltd.	August, 2006	Electronic material related resins

Status of the Sanction of GMP

Status of the Sanction of GMP	
Plants	Main governments
Takasaki plant	Japan, the United States, Europe, Canada, Brazil
Tokyo plant	Japan, the United States

The Scope of Quality and Environment Management Systems



ISO9001 : International standards issued by the ISO (International Organization for Standardization) for quality management systems from design and manufacturing to inspection and after-sales service.
 ISO/TS16949 : Global standards developed jointly by members of the International Automotive Task Force (IATF) for providing high-quality products to automobile users around the world.
 GMP : Also known as Good Manufacturing Practices, these standards were promulgated as a ministerial degree in 1980 by the Ministry of Health and Welfare and stipulate the manufacturing control and compliance requirements for supplying high-quality pharmaceuticals, medical devices, and other products.
 ISO14001 : International standards issued by the ISO (International Organization for Standardization) for environmental management systems covering organizational activities, products, and services.