

Chemical Substance Controls

A chemical control standard has been established and thorough control has been implemented for the substances and PCB that are designated under the Japanese Pollutant Release and Transfer Register [PRTR] Law*.

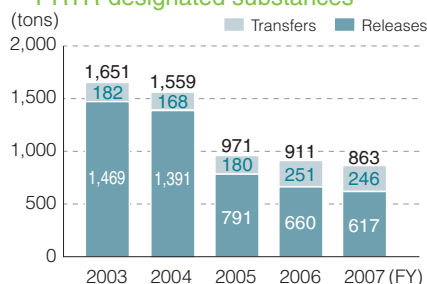
* Proper name: Law Concerning Reporting, etc. of Releases to the Environment of Specific Chemical Substances and Promoting Improvements in Their Management

Release and transfer of PRTR-designated substances

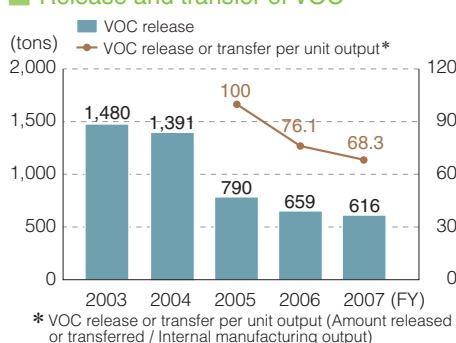
The amounts of release and transfer of PRTR-designated substances was reduced 5.2% over fiscal 2006. VOC emissions were also reduced by 6.5%. VOC release and

transfer per unit output was reduced 31.7% over fiscal 2005, much greater than the 10% target.

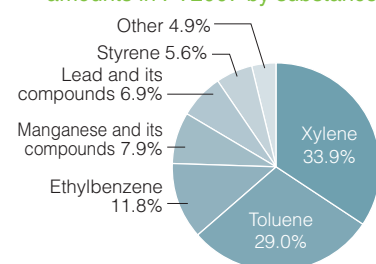
Release and transfer of PRTR-designated substances



Release and transfer of VOC



Proportion of release and transfer amounts in FY2007 by substance



Results of PRTR reporting for FY2007

(for substances (excl. dioxins) for which the annual handling quantity equaled one ton or more (0.5 ton for specific class 1 designations) for each plant and office)

Number specified in Cabinet Order	Chemical substance	Releases				Transfers	
		Atmosphere	Public water areas	Soil	On-site landfills	Sewerage	Transfers to off-site
1	Water-soluble zinc compounds	0	41.5	0	0	25.4	1,375.5
9	Bis (2-ethylhexyl) adipate	0	0	0	0	0	247.2
16	2-aminoethanol	0	0	0	0	0	9,595.8
30	Bisphenol A type epoxy resin (liquid)	0	0	0	0	0	1,192.4
40	Ethylbenzene	86,769.3	0	0	0	0	14,706.6
43	Ethylene glycol	0	0	0	0	0	412.8
60	Cadmium and its compounds	0	0	0	0	0	9,485
63	Xylene	253,382.1	0	0	0	0	39,245.9
68	Chromium and chromium (III) compounds	0	0	0	0	0	11,588.0
69	Chromium (VI) compounds	0	0	0	0	0	518.1
100	Cobalt and its compounds	0	0	0	0	0	461.0
176	Organotin compounds	4.9	0	0	0	0	60.3
177	Styrene	48,683.3	0	0	0	0	0
179	Dioxins	4.5390	0	0	0	0	0.2205
224	1, 3, 5-trimethylbenzene	3,951.2	0	0	0	0	926.6
227	Toluene	223,551.3	0	0	0	0	26,707.3
230	Lead and its compounds	15.8	0	0	0	0	59,406.6
231	Nickel	0	0	0	0	0	537.1
232	Nickel compounds	0	55.1	0	0	0	83.2
266	Phenol	0	0	0	0	0	0
270	Di-n-butyl phthalate	0	0	0	0	0	38.4
304	Boron and its compounds	0	0	0	0	0	1,339.1
311	Manganese and its compounds	0.7	54	0	0	0	68,345.8
346	Molybdenum and its compounds	0	0	0	0	0	0
Total		616,358.6	150.6	0	0	25.4	246,272.7

Scope: Domestic production plants and offices ■ : Volatile Organic Compounds (VOC)

PCB measures

KUBOTA will continue its strict policy regarding the management and storage of electrical devices containing PCB and is aiming at 2015 as a completion date for a detoxification process in response to the Law concerning Special Measures against PCB Waste.

In fiscal 2007, 127 devices were treated in this regard.

No. of plants and offices/ companies handling PCBs	High voltage equipment (High PCB concentration)		
	In use	In storage	Total
19	0	628	628

(Scope of application: KUBOTA + Group company production plants and offices in Japan)

Groundwater monitoring

The result of groundwater measurement in plants and offices that have used organic chlorine-based compounds in the past show detected no such compounds, and there were thus no corresponding problems.

Plant/Office	Substance	Measured groundwater value	Environmental standard value
Tsukuba	Trichloroethylene	None detected (< 0.0002 mg/L)	0.03 mg/L or less
Utsunomiya	Trichloroethylene	None detected (< 0.0005 mg/L)	0.03 mg/L or less
Ryugasaki	Dichloromethane	None detected (< 0.0001 mg/L)	0.02 mg/L or less