

Environmental Education and Training

Courses in Environmental Education and Training in Japan (excluding general environmental courses)

Organizer	No.	Course name	Target	Participants			
				FY2004	FY2005	FY2006	FY2007
Head Office	1	Advanced environmental education (held every two years)	Environmental specialists (Komatsu and affiliates)	—	28	—	19
	2	Overview of the ISO14000 series	Administrators (Komatsu, affiliates, and partner companies)	24	42	29	36
	3	Training of internal auditors/ Refresher courses	Environmental auditors (Komatsu, affiliates, and partner companies)	19	30	60	51
	4	Development and manufacturing (introductory)	Development and manufacturing staff (for second-year employees)	59	56	73	97
	5	Training of assistant foremen/ Training of manufacturing engineers	Assistant foremen/ Manufacturing engineers			50	50
	6	Training new employees	New recruits	70	89	125	186
	7	Lectures on mitigating climate change	Komatsu Group managers and employees			468	308
	8	Education for enhanced environmental understanding (e-Learning)	Komatsu Group managers		1,294	767	0
	9	Education to refresh environmental understanding (e-Learning)	Komatsu Group managers and employees			4,675	191
Administrative divisions of plants	1	Basic environmental education	Managers and employees	784	269	241	371
	2	Overview of the ISO14000 series	Managers and employees	87	62	0	2,138
	3	Training of internal auditors	Environmental auditors	113	232	76	30
	4	Training new employees	New recruits	859	707	418	666
	5	Regulatory education and personnel exchange	Managers and employees	144	590	1,084	788
	6	Specialist training	Environmental conservation practitioners (persons involved in regulatory affairs, etc.)		553	277	113

In addition to the education and training courses listed in the chart above, Komatsu also held explanatory sessions at business associates regarding the introduction of environmental management systems and at sales agents regarding the Group's environmental guidelines (see P. 11).

Number of Persons Having Environment-related Certificate

Certificate name	Number of persons with certificate*			
	FY2004	FY2005	FY2006	FY2007
Pollution control administrators	243 (60)	247 (60)	209 (53)	192 (51)
Energy administrators	47 (11)	49 (11)	42 (14)	39 (14)
Environmental management system auditors	9	8	7	8

*Figures in parentheses indicate the number of officers required.

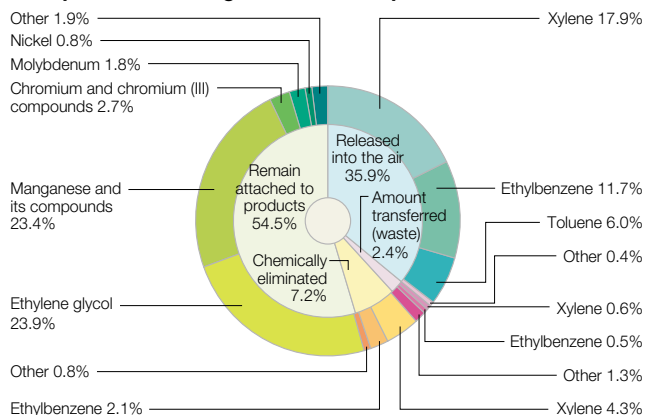
Chemical Substance Control and Pollution Mitigation and Prevention

Names of Class I Specific Chemical Substances and the Volumes Released and Transferred (Handled volume of 1 ton or more) (Unit: tons)

Number under the PRTR Law	Name	Volume handled	Volume released				Volume transferred		Chemically transformed or eliminated	Volume contained in products
			Air	Water	Soil	Buried	Sewerage	Disposed		
43	Ethylene glycol	802.6	0.1	—	—	—	—	6.6	—	795.9
311	Manganese and its compounds	793.8	1.2	—	—	—	—	13.7	—	778.8
63	Xylene	765.3	595.5	—	—	—	—	21.3	142.1	6.5
40	Ethylbenzene	474.3	388.1	—	—	—	—	15.4	69.5	1.4
227	Toluene	232.9	198.7	—	—	—	—	7.2	17.2	9.9
68	Chromium and chromium (III) compounds	90.6	0.0	—	—	—	—	2.3	—	88.3
346	Molybdenum and its compounds	61.1	0.0	—	—	—	—	0.1	—	61.0
231	Nickel	27.8	0.0	—	—	—	—	0.5	—	27.3
224	1,3,5-trimethylbenzene	22.6	9.9	—	—	—	—	0.3	1.3	11.1
69	Chromium (VI) compounds*	16.6	0.0	—	—	—	—	4.1	0.0	—
266	Phenol	13.6	0.0	—	—	—	—	—	1.8	11.7
100	Cobalt and its compounds	10.8	—	—	—	—	—	0.6	0.0	10.2
198	1,3,5,7-tetraazatricyclo (3.3.1.1 ^{3,7}) decane; hexamethylenetetramine	5.3	—	—	—	—	—	0.0	5.3	0.0
30	Bisphenol A type epoxy resin (liquid)	4.1	—	—	—	—	—	1.6	—	2.5
9	Bis (2-ethylhexyl) adipate	3.9	—	—	—	—	—	—	—	3.9
243	Barium	2.3	—	—	—	—	—	2.3	—	0.0
310	Formaldehyde	2.0	0.0	—	—	—	—	—	—	2.0
25	Antimony and its compounds	1.9	—	—	—	—	—	1.1	—	0.8
232	Nickel compounds	1.9	—	—	—	—	—	1.1	—	0.8
16	2-aminoethanol	1.8	—	0.0	—	—	—	1.8	—	—
299	Benzene	1.4	0.0	—	—	—	—	—	0.7	0.7
270	Di-n-butyl phthalate	1.0	0.7	—	—	—	—	0.0	—	0.3

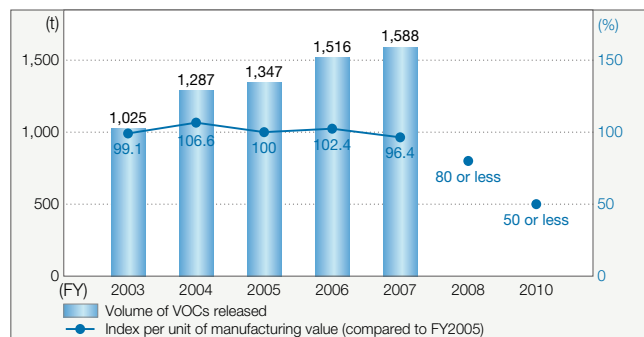
*During chrome plating, chromium (VI) compounds become chromium compounds. Therefore, the volume transferred and the volume contained in products are listed under "chromium and chromium (III) compounds."

Breakdown of the Amount of PRTR-related Substances Released and Transferred at Komatsu and the Komatsu Group Manufacturing Facilities in Japan



Note: Substances handled in quantities of 1 ton or more

Volume of VOCs Released by Komatsu and the Komatsu Group Manufacturing Facilities in Japan



Changes in the Amounts of PRTR-related Substances Released at Komatsu and the Komatsu Group Manufacturing Facilities in Japan



Renovation of Underground Tanks in Operation More Than 20 Years at Komatsu and the Komatsu Group Manufacturing Facilities in Japan

