

Environmental Data by Location (main domestic Group members)

Akebono Brake Iwatsuki Manufacturing Co., Ltd. Production items: Disc brakes, drum brakes, shoe assemblies and plate assemblies

Acquired the ISO14001 certification in March 2002

			Standard		FY2014		FY2015	
◆Air (Air Pollution Control Law and Prefectural ordinances)	Substances	Unit	Regulatory Limit		Maximum Emissions	Average Emissions	Maximum Emissions	Average Emissions
	Dust and soot	g/m³N	0.3		Not applicable, since heavy oil-fed boilers have been abolished.		Not applicable, since heavy oil-fed boilers have been abolished.	
	NOx	ppm	180					
	SOx	m³N/h	0.95					
◆Water (Water Pollution Control Law and Prefectural ordinances)	Substances	Unit	Average Daily Emissions during Operative Period	Average Daily Emissions	Maximum Emissions	Average Emissions	Maximum Emissions	Average Emissions
	pH	—	5.8～8.6	—	7.4	7.2	7.6	7.1
	BOD	mg/l	25	20	25	18.7	25	14.3
	COD	mg/l	—	—	20	14.7	27	12.6
	Suspended solids	mg/l	60	50	11	4.9	7.5	4.0
	Oil (n-hexane extract)	mg/l	5	—	Not detected	Not detected	Not detected	Not detected
	Total nitrogen	mg/l	120	—	45	32.5	51	31.6
	Total phosphorus	mg/l	16	—	1.8	0.5	0.9	0.3
	Colon bacilli	Number/cm³	—	3,000	1500	250	2500	324
	Total chromium	mg/l	2	—	Not detected	Not detected	Not detected	Not detected
	Fluorine	mg/l	8	—	0.5	0.3	Not detected	Not detected
	Zinc	mg/l	2	—	2	0.7	0.7	0.4

◆ Emission Volume of PRTR Designated Chemical Substances

Unit: Tons/Year

Name of Substance	Amount Handled		Amount Emitted				Amount Transported				Amount Removed through Proper Removal Methods		Amount Consumed (Attached to Products)	
			Atmosphere		Rivers		Landfill		Recycled					
	FY2014	FY2015	FY2014	FY2015	FY2014	FY2015	FY2014	FY2015	FY2014	FY2015	FY2014	FY2015	FY2014	FY2015
Nickel compounds	10,700	10,300	0	0	0	0	0	0	4,300	7,100	0	0	6,400	3,200
Total	10,700	10,300	0	0	0	0	0	0	4,300	7,100	0	0	6,400	3,200

Figures presented above exclude substances for which the annual handling volume is less than 1 ton. However, nickel compounds and other substances designated as Class I specified compounds are included, if their annual handling volume amounts to 500 kg or more.

Figures presented above may not match totals presented in the "Product Life Cycles and Environmental Impact Mass Balance" section of the AKEBONO REPORT 2016 as they are rounded off to the nearest whole number.

In step with the enactment of the Sixth Total Emission Control Standards, regulatory limits for emissions at the Hanyu facilities (total nitrogen and total phosphorus) and Iwatsuki facilities (COD, total nitrogen and total phosphorus) were revised.

Accordingly, regulatory limits presented above are as of fiscal 2009.