

Environmental Data by Location (main domestic Group members)

Akebono Brake Fukushima Manufacturing Co., Ltd. Production item: Brake linings

Acquired the ISO14001 certification in March 2000

			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	—		0.028	0.017	0.012	0.009
	NOx	ppm	—		60	53	43	43
	SOx	m³N/h	0.87		0.009	0.006	0.006	0.0047
◆ 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	—	7.3	7.1	7.4	7.0
	BOD	mg/l	40	—	1.9	1.5	2.3	1.6
	Suspended solids	mg/l	70	—	32	13.5	22	11.3
	Oil (n-hexane extract)	mg/l	10	—	less than 1.0	less than 1.0	less than 1.0	less than 1.0
	Colon bacilli	Number/cm³	—	3,000	Not detected	Not detected	Not detected	Not detected

◆ 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
Antimony and its compounds	53,500	48,000	0	0	0	0	0	0	2,100	7,700	0	0	51,400	40,300
Chromium and Trivalent chromium compounds	21,100	18,900	0	0	0	0	0	0	800	3,000	0	0	20,300	15,900
Hexamethylene tetramine	58,800	49,300	0	0	0	0	0	0	1,100	3,600	57,700	45,700	0	0
Toluene	5,200	4,000	5,200	4,000	0	0	0	0	0	0	0	0	0	0
Phenol	18,800	16,200	0	0	0	0	0	0	300	1,200	18,500	15,000	0	0
Molybdenum and its compounds	3,500	3,300	0	0	0	0	0	0	100	500	0	0	3,400	2,800
Boron compounds	1,700	1,900	0	0	0	0	0	0	—	300	0	0	1,700	1,600
Total	162,600	141,600	5,200	4,000	0	0	0	0	4,400	16,300	76,200	60,700	76,800	60,600

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.