

Environmental Data by Location (main domestic Group members)

Akebono Brake Yamagata Manufacturing Co., Ltd. Production item: Disc brake pads and Clutch facings

Acquired the ISO14001 certification in March 2000

◆ Air (Air Pollution Control Law and Prefectural ordinances)	Substances	Unit	Standard	FY2016		FY2017	
			Regulatory Limit	Maximum Emissions	Average Emissions	Maximum Emissions	Average Emissions
	Dust and soot	g/m ³ N	0.1	0.032	0.026	0.016	0.015
	NOx	ppm	950	760	755	920	775
	SOx	m ³ N/h	7.91	—	0.7	—	0.7

◆ 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	7.0	7.2	7.1
	BOD	mg/l	25	20	6.8	3.8	4.8	2.1
	Suspended solids	mg/l	60	50	4.2	3.0	9.8	4.5
	Oil (n-hexane extract)	mg/l	5	—	4.5	2.0	4.4	2.5
	Colon bacilli	Number/cm ³	—	3,000	—	1,700	—	0
	Ammonia, ammonium compound, nitrite and nitrates	mg/l	100	—	10	5.5	18	4.3

◆ Emission Volume of PRTR Designated Chemical Substances

Unit: kg/Year

Name of Substance	Amount Handled		Amount Emitted				Amount Transported				Amount Removed through Proper Removal Methods		Amount Consumed (Attached to Products)	
	FY2016	FY2017	Atmosphere		Rivers		Landfill		Recycled		FY2016	FY2017	FY2016	FY2017
Antimony and its compounds	24,300	22,700	0	0	0	0	0	0	2,900	2,700	0	0	21,400	20,000
Xylene	7,900	8,300	500	100	0	0	0	0	0	0	7,400	8,200	0	0
Chromium and Trivalent chromium compounds	8,900	15,500	0	0	0	0	0	0	1,100	1,900	0	0	7,800	13,600
Hexamethylene tetramine	57,400	58,100	0	0	0	0	0	0	6,900	7,000	50,500	51,100	0	0
Triethylamine	1,400	1,400	0	1,400	0	0	0	0	0	0	1,400	0	0	0
Toluene	3,700	2,700	3,700	2,700	0	0	0	0	0	0	0	0	0	0
Phenol	13,500	13,600	0	0	0	0	0	0	1,600	1,600	11,900	12,000	0	0
Manganese and its compounds	8,600	7,800	0	0	0	0	0	0	1,000	900	0	0	7,600	6,900
Molybdenum and its compounds	4,200	4,700	0	0	0	0	0	0	500	600	0	0	3,700	4,100
Total	129,900	134,800	4,200	4,200	0	0	0	0	14,000	14,700	71,200	71,300	40,500	44,600