

Environmental impact data of Zhuhai Brother Industries, Co., Ltd.

		Unit	FY2012	FY2013	FY2014	
● Resource consumption amount						
○ Product material						
	Metal	t	7,772	3,942 ^{*1}	3,366	
	Plastic	t	5,353	4,180	3,862	
	Other	t	1,873	1,464	1,429	
○ Other materials (main materials)						
	Expanded polystyrene for packaging	t	339	268	231	
	Corrugated fiberboard	t	6,086	5,686	5,237	
	Paper	t	1,736	1,617	1,514	
● Total energy consumption						
	Electricity	MWh	5,441	5,342	5,113	
	Steam	t	0	0	0	
	LPG/LNG	t	0	0	0	
	City gas	m ³	0	0	0	
	Oil, etc.	kl	21	19	11	
● Emissions of greenhouse gases		t-CO ₂	2,112	2,068	1,962	
● Water consumption						
Water intake	Clean water	m ³	106,171	117,340	112,593	
	Industrial water	m ³	0	0	0	
	Underground water	m ³	0	0	0	
Amount of wastewater	Public water	m ³	0	0	0	
	Sewer system	m ³	106,171	117,340	101,336 ^{*2}	
Amount of recycled water		m ³	0	0	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	13	14	13
	COD (chemical oxygen demand)		mg/l	64	71	56
	n-hexane	Mineral oils	mg/l	-	-	-
		Animal and vegetable oils	mg/l	-	-	-
	SS (suspended solids)		mg/l	19	31	21
● Waste amount						
Production-related waste		t	137	207	368 ^{*3}	
Amount of waste recycled		t	136	207	368 ^{*3}	
Recycle rate		%	99.8	100	99.95	
Amount of landfill waste		t	0.3	0	0.2	
Rate of landfill waste		%	0.2	0	0.0	

*1: The value decreased due to transfer to Brother Industries Saigon, Ltd.

*2: The decrease is attributed to changes in the calculation method.

*3: The emissions increased due to improvement to the waste measurement method.

Outline of Manufacturing Facility (as of March 31, 2015)



Location: Guangdong, China

Main line of business: Production of electronic stationery, scanners, home sewing machines, karaoke systems for business use, etc.

Land area: 30,180 m²

Establishment date: December 18, 1991