

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

		Unit	FY2011	FY2012	FY2013	
● Resource consumption amount						
○ Product material						
	Metal	t	5,607	7,772	3,942*	
	Plastic	t	4,507	5,353	4,180	
	Other	t	1,470	1,873	1,464	
○ Other materials (main materials)						
	Expanded polystyrene for packaging	t	346	339	268	
	Corrugated fiberboard	t	6,261	6,086	5,686	
	Paper	t	1,759	1,736	1,617	
● Total energy consumption						
	Electricity	MWh	4,670	5,441	5,342	
	Steam	t	0	0	0	
	LPG/LNG	t	0	0	0	
	City gas, etc.	m <sup>3</sup>	0	0	0	
	Oil, etc.	kl	148	21	19	
● Emissions of greenhouse gases		t-CO <sub>2</sub>	2,158	2,112	2,068	
● Water consumption						
Water intake	Clean water	m <sup>3</sup>	94,001	106,171	117,340	
	Industrial water	m <sup>3</sup>	0	0	0	
	Underground water	m <sup>3</sup>	0	0	0	
Amount of wastewater	Public water	m <sup>3</sup>	0	0	0	
	Sewer system	m <sup>3</sup>	94,001	106,171	117,340	
Amount of recycled water		m <sup>3</sup>	0	0	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	11	13	14
	COD (chemical oxygen demand)		mg/l	34	64	71
	n-hexane	Mineral oils	mg/l	-	-	-
		Animal and vegetable oils	mg/l	-	-	-
	SS (suspended solids)		mg/l	26	19	31
● Waste amount						
Production-related waste		t	132	137	207	
Amount of waste recycled		t	132	136	207	
Recycle rate		%	99.8	99.8	100	
Amount of landfill waste		t	0.3	0.3	0	
Rate of landfill waste		%	0.2	0.2	0	

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

### Outline of Manufacturing Facility (as of March 31, 2014)



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 m<sup>2</sup>

Establishment date: December 18, 1991