

## Environmental impact data of Brother Industries (Vietnam) Ltd.

		Unit	FY2011	FY2012	FY2013	
<b>● Resource consumption amount</b>						
○ Product material						
	Metal	t	7,370	8,818	10,777	
	Plastic	t	15,673	20,274	24,656	
	Other	t	5,458	6,791	8,866	
○ Other materials (main materials)						
	Expanded polystyrene for packaging	t	1,127	2,005	1,356	
	Corrugated fiberboard	t	7,397	8,918	9,934	
	Paper	t	322	2,872	2,812	
<b>● Total energy consumption</b>						
	Electricity	MWh	9,737	11,355	13,523	
	Steam	t	0	0	0	
	LPG/LNG	t	0	0	0	
	City gas, etc.	m <sup>3</sup>	0	0	0	
	Oil, etc.	kl	46	35	39	
<b>● Emissions of greenhouse gases</b>		t-CO <sub>2</sub>	3,802	4,385	5,215	
<b>● Water consumption</b>						
Water intake	Clean water	m <sup>3</sup>	83,387	117,566	115,167	
	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>	83,387	117,566	115,167	
Amount of recycled water		m <sup>3</sup>	0	0	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	164	171	35 <sup>*</sup>
	COD (chemical oxygen demand)		mg/l	328	369	62 <sup>*</sup>
	n-hexane	Mineral oils	mg/l	-	-	-
		Animal and vegetable oils	mg/l	-	-	-
	SS (suspended solids)		mg/l	54	81	40
<b>● Waste amount</b>						
Production-related waste		t	1,016	980	1,129	
Amount of waste recycled		t	1,004	980	1,129	
Recycle rate		%	98.8	100	100	
Amount of landfill waste		t	11.9	0	0	
Rate of landfill waste		%	1.2	0	0	

\* The values decreased because a new wastewater purification plant was established.

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



Location: Hai Duong Province, Vietnam

Main line of business: Production of printers and All-in-Ones

Land area: 184,823 m<sup>2</sup>

Establishment date: January 19, 2006