

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

		Unit	FY2012	FY2013	FY2014	
<b>● Resource consumption amount</b>						
○ Product material						
	Metal	t	8,818	10,777	10,391	
	Plastic	t	20,274	24,656	23,053	
	Other	t	6,791	8,866	8,623	
○ Other materials (main materials)						
	Expanded polystyrene for packaging	t	2,005	1,356	960 <sup>*2</sup>	
	Corrugated fiberboard	t	8,918	9,934	9,895	
	Paper	t	2,872	2,812	1,106 <sup>*2</sup>	
<b>● Total energy consumption</b>						
	Electricity	MWh	11,355	13,523	13,451	
	Steam	t	0	0	0	
	LPG/LNG	t	0	0	0	
	City gas	m <sup>3</sup>	0	0	0	
	Oil, etc.	kl	35	39	68 <sup>*3</sup>	
<b>● Emissions of greenhouse gases</b>		t-CO <sub>2</sub>	4,385	5,215	5,263	
<b>● Water consumption</b>						
Water intake	Clean water	m <sup>3</sup>	117,566	115,167	105,002	
	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>	117,566	115,167	105,002	
Amount of recycled water		m <sup>3</sup>	0	0	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	171	35 <sup>*1</sup>	12
	COD (chemical oxygen demand)		mg/l	369	62 <sup>*1</sup>	22
	n-hexane	Mineral oils	mg/l	-	-	-
		Animal and vegetable oils	mg/l	-	-	-
	SS (suspended solids)		mg/l	81	40	45
<b>● Waste amount</b>						
Production-related waste		t	980	1,129	1,028	
Amount of waste recycled		t	980	1,129	1,028	
Recycle rate		%	100	100	100	
Amount of landfill waste		t	0	0	0	
Rate of landfill waste		%	0	0	0	

\*1: The values decreased because a new wastewater purification plant was established.

\*2: The values decreased due to changes in production.

\*3: The value increased due to increased use of generators.

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



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