

Environmental impact data of Brother Machinery Vietnam Co., Ltd.

		Unit	FY2014	FY2015	
● Resource consumption amount* ¹		t	1,528	1,713	
● Total energy consumption					
Electricity		MWh	1,672	2,962 ²	
Steam		t	0	0	
LPG/LNG		t	173	167	
City gas		m ³	0	0	
Oil, etc.		kL	2	6	
● Emissions of greenhouse gases		t-CO ₂	1,156	1,637	
● Water consumption					
Water intake	Clean water	m ³	9,077	9,415	
	Industrial water	m ³	0	0	
	Underground water	m ³	0	0	
Amount of wastewater	Public water	m ³	0	0	
	Sewer system	m ³	5,841	6,238	
Amount of recycled water		m ³	0	0	
Water pollution load	BOD (biological oxygen demand)		mg/l	11	7
	COD (chemical oxygen demand)		mg/l	20	20
	n-hexane	Mineral oils	mg/l	-	0.1
		Animal and vegetable oils	mg/l	-	0.1
	SS (suspended solids)		mg/l	-	11
● Waste amount					
Production-related waste		t	45	68.9	
Amount of waste recycled		t	44	68.2	
Recycle rate		%	97.9	99	
Amount of landfill waste		t	0.9	0.7	
Rate of landfill waste		%	2.1	1	

* All the environmental impact data is subject to aggregation from FY2014 (April 1, 2014-March 31, 2015) because this is a new manufacturing facility.

¹: The calculation method was changed in FY2015.

²: The amount increased due to changes in production.

Outline of Manufacturing Facility (as of March 31, 2016)



Location: Hai Duong Province, Vietnam

Main line of business: Production of industrial sewing machines

Land area: 25,700 m²

Establishment date: April 1, 2013

* The scope of aggregation covers the scope that is directly related to products.