

P.T. METEC SEMARANG

1.Outline

Address	Tanjung Emas Export Processing Zone Jl.Coaster No.8,Blok B12A-16
Number of employees	548(December 2016)
Site area	36,478m ²
Establishment day	Mar / 1996
ISO14001 certification date	20 Feb 2014



2.Products

Main products



Auto Matic Vender



Load Cell

3.Environmental policy

"Make the Earth Beautiful for our Grandchildren"

1. Comply with and implement the Rules and Regulations and other requirements relating to the Environment
2. Make efforts to prevent environmental pollution either land, water, or air
3. Save resources (water, electricity, parts / goods, materials and others)
4. Companies and employees play an active role together to protect the environment

4.Environmental performance data (Jan. 2016 to Dec. 2016)

Used amount of energy	Crude oil equivalent KL	972
Used amount of water	thousand m ³	25

CO₂ emission*	tons CO ₂ e	2,662
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*CO₂ emissions from energy sources.

Air Pollutant measurement results				
Main smoke and soot generation facilities		Drying furnaces		
	Unit	Control content	Control value	Maximum measured
SO _x	mg/m ³	Concentration control	800	31
NO _x	mg/m ³	Concentration control	1000	137
Particulate	mg/m ³	Concentration control	350	34

Amount of discharge water	thousand m ³	4	
Amount of pollutant in discharge water	COD	kg	-
	Nitrogen	kg	-
	Phosphorus	kg	-

Water pollutant measurement results				
		unit	Control value	Maximum measured
Public water areas	pH	-	6.0 ~ 9.0	7.6 , 8.3
	BOD	mg/L	50	32
	COD	mg/L	100	64
	Nitrogen	mg/L	-	-
	Phosphorus	mg/L	-	-
	Hexavalent chromium	mg/L	0.1	0.01
	Lead	mg/L	0.1	0.03
	COD, total emission control	kg/day	-	-
	Nitrogen, total emission control	kg/day	-	-
	Phosphorus, total emission control	kg/day	-	-
Sewerage lines	pH	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

Waste discharge	tons	319
Recycling ratio	%	92.2%

*Due to a change in the categories of regulations made in September 2013, the regulation values and measured values for the period prior to August and the period after September are reported. Between August and October, the measured value exceeded the regulation value, but this was reported to the government and we have been implementing an alternative plan. As of November, the measured value has been under the regulation value.

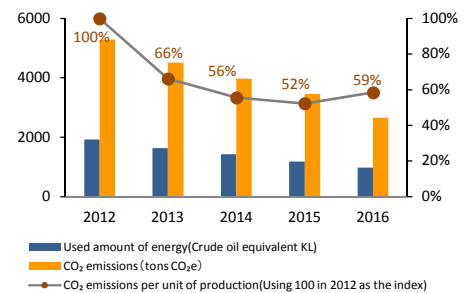
VOC emission	tons	29
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5.Environmental Communication

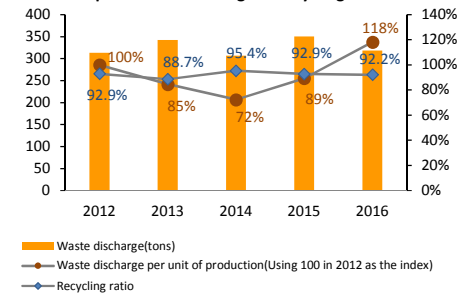
1. Emergency response training on shutter (16 December 2016)
2. Emergency response training on air pollutant (30 December 2016)
3. Emergency response training on spill hazardous and toxic material (16 December 2016)
4. Plant trees (22 April 2016)
5. Measurement of wastewater, air emissions, ambient, noise, vibration



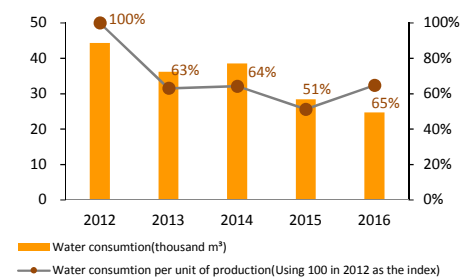
Graph1. Energy & CO₂ emissions



Graph2. Waste discharge & Recycling ratio



Graph3. Water consumption



Graph4. VOC emissions

