

P.T. METEC SEMARANG

1. Outline

Address Tanjung Emas Export Processing Zone Jl.Coaster No.8,Blok B12A-16

Number of employees

Site area 30000m²

Establishment day Mar / 1996

ISO14001 certification date Feb / 2014



2 . Products



Auto Matic Vender

3.Environmental policy

~ Legal compliance Creating an environmental and human friendly company ~

- 1)Implementing the energy-saving activities (Shorting the operational time,Efficient water usage)
- 2)Implementing the suitable control for liquid waste disposal system,Reducing the volume of waste and implementing the suitable
- 3)Disposal system,accustomedthe activitieg in compliance with ISO 14001,implementation of the education system

4.Environmental performance data (FY2014)

Used amount of energy	Crude oil equivalent KL	1,632
Used amount of water	thousand m ³	36.2

CO₂ emission	t -CO ₂	4,516
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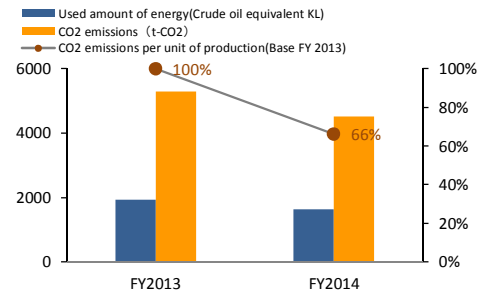
Air Pollutant measurement results				
Main smoke and soot generation facilities		Drying furnaces		
	Unit	Control content	Control value	Maximum measured
SOx	Concentration control: mg/m ³	Concentration control	800	2.0
NOx	Total emission control: m ³ N/h, Concentration control: mg/m ³	Concentration control	1000	1.0
Particulate	Concentration control: g/m ³ N	Concentration control	0.35	0.012

Amount of discharge water	million m ³ /year	0.0114	
Amount of pollutant in discharge water	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

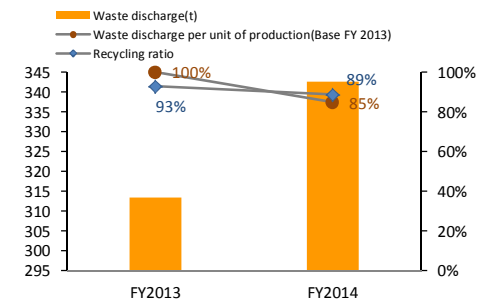
Water pollutant measurement results				
		unit	Control value	Maximum measured
Public water areas	pH	-	6.0 - 9.0	8.0
	BOD	mg/L	100	155*
	COD	mg/L	250	338.5*
	Nitrogen	mg/L	NO ₃ -N:30 NO ₂ -N:3	NO ₃ -N:0.39 NO ₂ -N:0.099
	Phosphorus	mg/L	-	-
	Hexavalent chromium	mg/L	0.5	0.0004
	Lead	mg/L	1	0.005
	COD, 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	t /year	343
Recycling ratio	%	88.7%

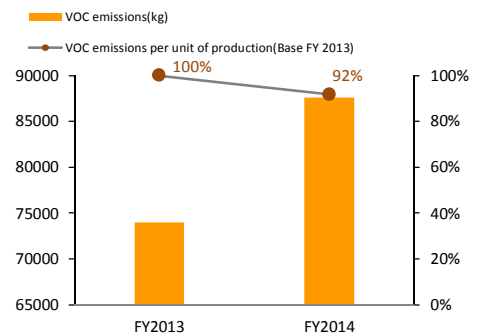
*Due to a change in the categories of regulations made in September 2013, the regulation values and measured values for the period prior to August and the period after September are reported. Between August and October, the measured value exceeded the regulation value, but this was reported to the government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



Graph.1 energy&CO2 emissions



Graph.2 waste discharge& recycling ratio



Graph.3 VOC emissions

5.Environmental Communication

- 1.Training For Environment (28,29 Oct 2013)
- 2.Plant Trees
- 3.Education For Environment (5,10 Dec 2013)

