Data on KUBOTA Group Overseas Production Sites 2015

Siam Kubota Metal Technology (SKMT)

1.Outline

Address 304 Industrial Park 2
359 Moo 3 Khao Hinson, Phanom Sarakham, Chachoengsao, Thailand

Number of employees 459
Site area 189095 ㎡
Establishment day 2008/12/25
ISO14001 certification date Plan on Sep-14

2 . Products

Main products

3 .Environmental policy (Rev.01)

1. SKMT will comply with related Environmental law and regulation. Especially strictly comply with Environmental pollution management.
2. SKMT will establish, maintain and continual improvement of Environmental objective-target and standard.
3. SKMT will promote awareness and efficiency using of energy and natural resource.
4. SKMT will promote the environment technology developing to improve the efficiency continuously.
5. SKMT will promote environmental awareness to employee to prevent pollution which may impact on environment.
6. SKMT will promote social responsibility awareness to employee by conduct environmental activities with the community.
7. SKMT will create communication channels with community. To make transparency disclosure of pollution management information. Including the channels for receive environmental suggestion and complaint.

4.Environmental performance data(FY2015)

**** performance data of 2014**

Used amount of energy	Crude oil equivalent KL	10,813
Used amount of water	10000m^3	7.0

CO_2 emission	t -CO_2	22,205

Air Pollutant measurement results

Main smoke and soot generation facilities		Electric Furnaces								
	Unit	DC Melting			DC Molding, Finishing			WS Core making		
		Control content	Control value	Maximum measured	Control content	Control value	Maximum measured	Control content	Control value	Maximum measured
SOx	Concentration control: ppm	Concentration control	500	0.58	Concentration control	500	11	Concentration control	60	6.8
NOx	Total emission control: m^{3}N/h, Concentration control: ppm	Concentration control	-	-	Concentration control	-	-	Concentration control	180	2.05
Particulate	Concentration control: mg/m^3	Concentration control	20	0.92	Concentration control	15	3.01	Concentration control	1	0.97

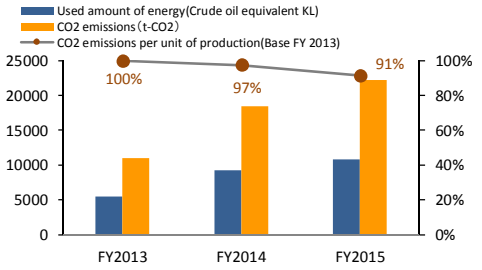
Amount of discharge water	million m^3/year	No water discharge out of factory	
Amount of pollutant in discharge water	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

Water pollutant measurement results (Y-2014)

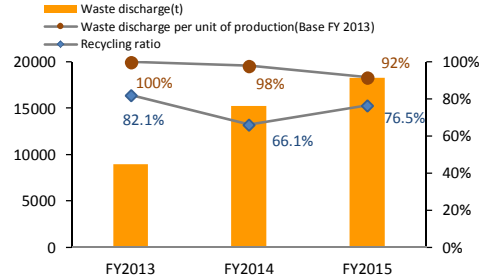
		unit	Control value	Maximum measured
Public water areas	pH	-	-	-
	BOD	mg/L	—	-
	COD	mg/L	—	-
	Nitrogen	mg/L	—	-
	Phosphorus	mg/L	-	-
	Hexavalent chromium	mg/L	-	-
	Lead	mg/L	-	-
	COD, total emission control	kg/day	-	-
	Nitrogen, total emission control	kg/day	-	-
	Phosphorus, total emission control	kg/day	-	-
Water after treatment *	pH	-	5.5 ~ 9.0	6.7 ~ 8.0
	BOD	mg/L	≤ 20	18
	COD	mg/L	≤ 120	92
	SS	mg/L	≤ 50	31
	Temperature	◦C	≤ 40	35
	Oil & Grease	mg/L	≤ 5	4.7
	Nitrogen	mg/L	≤ 100	27

*No external water discharge

Waste discharge	t /year	18,585
Recycling ratio	%	76.5%



Graph.1 Energy & CO_2 emissions



Graph.2 Waste discharge & Recycling ratio

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5. Environmental Communication (Y2014)

5.1 Environment Month

a) External activities with community

b) Internal activities

- Promote environmental awareness

- Tree planting