

# Siam Kubota Metal Technology (SKMT)

## 1. Outline

<b>Address</b>	304 Industrial Park 2 359 Moo 3 Khao Hinson, Phanom Sarakham, Chachoengsao, Thailand
<b>Number of employees</b>	457
<b>Site area</b>	189095 m <sup>2</sup>
<b>Establishment day</b>	2008/12/25
<b>ISO14001 certification date</b>	19-Dec-14



## 2. Products

### Main products



## 3. Environmental policy (Rev.01)

- SKMT will comply with related Environmental law and regulation. Especially strictly comply with Environmental pollution management.
- SKMT will establish, maintain and continual improvement of Environmental objective-target and standard.
- SKMT will promote awareness and efficiency using of energy and natural resource.
- SKMT will promote the environment technology developing to improve the efficiency continuously.
- SKMT will promote environmental awareness to employee to prevent pollution which may impact on environment.
- SKMT will promote social responsibility awareness to employee by conduct environmental activities with the community.
- 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 (Jan. 2015 to Dec. 2015)

<b>Used amount of energy</b>	Crude oil equivalent KL	10,712
<b>Used amount of water</b>	thousand m <sup>3</sup>	54

<b>CO<sub>2</sub> emission*</b>	t -CO <sub>2</sub>	21,225
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\*CO<sub>2</sub> emissions from energy sources.

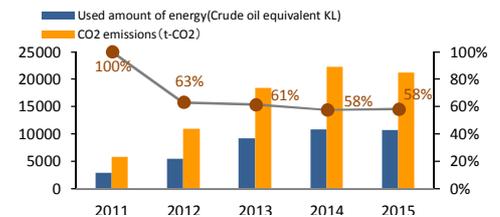
Air Pollutant measurement results										
Main smoke and soot generation facilities			Electric Furnaces							
	Unit	DC Melting			DC Molding, Finishing			WS Core making		
		Control content	Control value	Maximum measured	Control content	Control value	Maximum measured	Control content	Control value	Maximum measured
SOx	Concentration control: ppm	Concentration control	500	1	Concentration control	500	1	Concentration control	60	1
NOx	Total emission control: m <sup>3</sup> N/h, Concentration control: ppm	Concentration control	180	1	Concentration control	180	1	Concentration control	180	2
Particulate	Concentration control: mg/m <sup>3</sup>	Concentration control	20	0.6	Concentration control	15	2	Concentration control	1	0.97

<b>Amount of discharge water</b>	million m <sup>3</sup> /year	No water discharge out of factory	
<b>Amount of pollutant in discharge water</b>	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

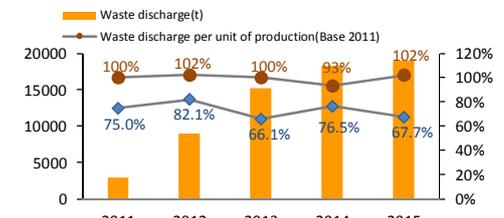
Water pollutant measurement results (Y-2015)				
	unit	Control value	Maximum measured	
			Public water areas	Water after treatment *
pH	-	-	-	-
BOD	mg/L	-	-	-
COD	mg/L	-	-	-
Nitrogen	mg/L	-	-	-
Phosphorus	mg/L	-	-	-
Hexavalent chromium	mg/L	-	-	-
Lead	mg/L	-	-	-
COD, total emission control	kg/day	-	-	-
Nitrogen, total emission control	kg/day	-	-	-
Phosphorus, total emission control	kg/day	-	-	-
pH	-	5.5~9.0	7.0~8.0	-
BOD	mg/L	≤ 20	17	-
COD	mg/L	≤ 120	90	-
SS	mg/L	≤ 50	27	-
Temperature	°C	≤ 40	33	-
Oil & Grease	mg/L	≤ 5	3	-
Nitrogen	mg/L	≤ 100	64	-

\*No external water discharge

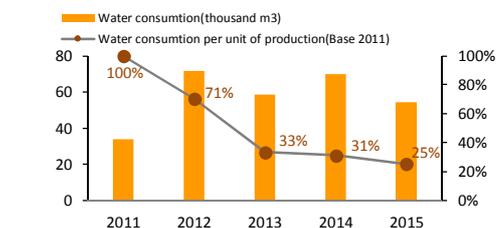
<b>Waste discharge</b>	t /year	19,008
<b>Recycling ratio</b>	%	67.8%



Graph.1 Energy & CO<sub>2</sub> emissions



Graph.2 Waste discharge & Recycling ratio



Graph.3 Water consumption

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## 5.Environmental performance data (Jan. 2015 to Dec. 2015)

### 5.1 Environment Month

#### a) External activities with community

- Community development : renovation, painting, repairing



- Promote environmental awareness and activities with children



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## b) Internal activities - Tree planting



## - Promote environmental awareness to employee



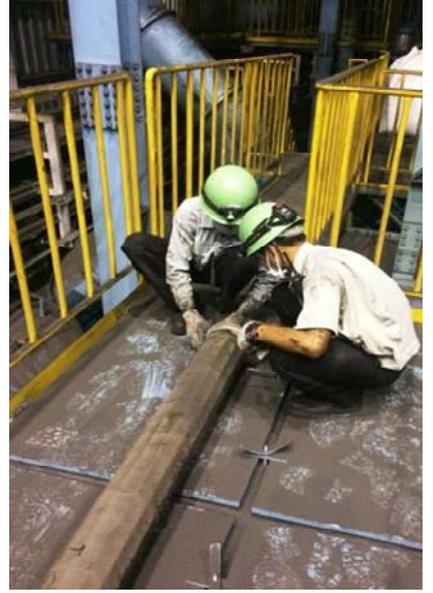
# Siam Kubota Metal Technology (SKMT)

## 5.2 Emergency training

### - Emergency training of Chemical spill (16,22 Oct 2015)



### - Emergency training of Tear of Bag Filter (22 Aug 2015)



### - Emergency training of Industrail Waste Spill (6 Oct 2015)

