

Kubota Engine Thailand (KET)

1. Outline

Address No.360 Moo 3, T.Khao Hinson, A.Phanomsarakarn
Chachoengsao, 24120 Thailand

Number of employees 414

Site area 75856 m²

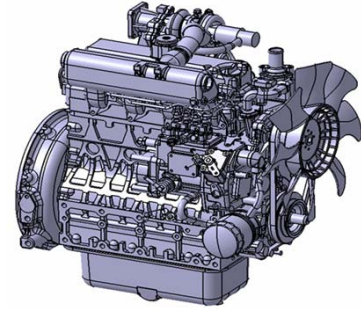
Establishment day 2011/2/24

ISO14001 certification date -



2. Products

Main products



Vertical type Diesel Engines

3. Environmental policy

1. The Kubota Group aspires to create a society where sustainable development is possible on a global scale.
2. The Kubota Group contributes to the conservation of global and local environments through its environmentally friendly operations, products, and technologies.

4. Environmental performance data (FY2014)

Used amount of energy	Crude oil equivalent KL	2,552
Used amount of water	1000m ³	10
CO₂ emission	t -CO ₂	5,286

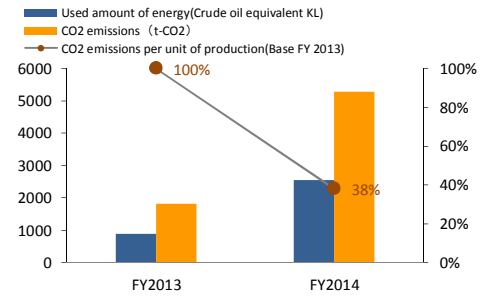
Air Pollutant measurement results				
Main smoke and soot generation facilities		Heating furnaces		
	Unit	Control content	Control value	Maximum measured
SOx	Concentration control: ppm	-	Non-detected	38.4
NOx	Total emission control: m3N/h, Concentration control: ppm	-	Non-detected	25.1
Particulate	Concentration control: g/m3N	-	Non-detected	0.062

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

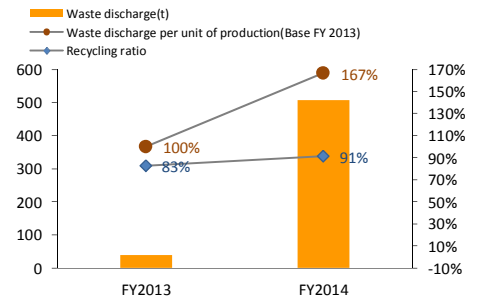
Water pollutant measurement results				
	unit	Control value	Maximum measured	
Treated water* (Recycled)	p H	-	5.5-9.0	6.5 - 7.6
	B O D	mg/L	< 20	1.03
	C O D	mg/L	<120	25.42
	Nitrogen	mg/L	< 100	2.23
	Phosphorus	mg/L	-	9.85
	Hexavalent chromium	mg/L	< 0.25	<0.10
	Lead	mg/L	< 0.2	<0.05
	COD, total emission control	kg/day	-	2.66
	Nitrogen, total emission control	kg/day	-	0.0827
	Phosphorus, total emission control	kg/day	-	0.3649
	S S	mg/L	< 50	0.92

*No external water discharge

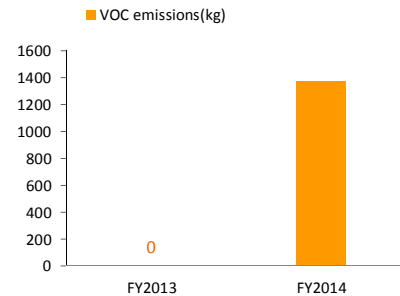
Waste discharge	t /year	507
Recycling ratio	%	91.4%



Graph.1 energy & CO2 emissions



Graph.2 waste discharge & recycling ratio



Graph.3 VOC emissions

5.Environmental Communication

- 1.Chemical spill respond
- 2.LPG gas leake respond
- 3.Wastewater overload respond
- 4. KET Environmental Activity 2013 (28/06/2013)



1.Chemical spill respond



3.Wastewater overload respond



2.LPG gas leake respond



4. KET Environmental Activity 2013 (28/06/2013)