

P.T. Kubota Indonesia

1.Outline

Address	Taman Industri Bukit Semarang Baru(BSB) Blok D.1 Kav.8, Kel. Jatibarang - Kec. Mijen - Kota Semarang ; Indonesia
Number of employees	345 (Dec, 2019)
Site area	73,992 m ²
Establishment day	Jul-1973
ISO14001 certification date	10 Feb 2006
Site overview	Manufacturing and sales of small diesel engines



2.Products

Horizontal Diesel Engine & Gasoline Engine



3.Environmental policy

As an internal combustion motor manufacturer committed to exceed customer and stakeholder expectations and improve environmental protection performance through:

- Creation of reliable and high quality products and services
- Effective, efficient and no impact on environmental pollution
- Fulfillment of regulatory requirements and other requirements and
- Make continuous improvements to the effectiveness of quality and environmental management systems

4.Environmental performance data (Jan. 2019 to Dec. 2019)

Used amount of energy	Crude oil equivalent KL	830
Used amount of water	thousand m ³	17
CO₂ emission*	tons CO ₂ e	2,409

*CO₂ emissions from energy sources.

Air Pollutant measurement results				
Main smoke and soot generation facilities		Genset		
	Unit	Control content	Control value	Maximum measured
SOx	mg/m ³	Concentration control	800	12
NOx	mg/m ³	Concentration control	1000	61
Particulate	mg/m ³	Concentration control	350	14

Amount of discharge water	thousand m ³	5.6	
Amount of pollutant in discharge water	COD	kg	318
	Nitrogen	kg	-
	Phosphorus	kg	-

Water pollutant measurement results				
		unit	Control value	Maximum measured
Public water areas	pH	-	6.0 ~ 9.0	6.3, 7.3
	BOD	mg/L	50	31
	COD	mg/L	100	95
	Nitrogen	mg/L	-	-
	Phosphorus	mg/L	-	-
	Hexavalent chromium	mg/L	0.1	0.01
	Lead	mg/L	0.1	0.01
	COD, total emission control	kg/day	-	-
	Nitrogen, total emission control	kg/day	-	-
	Phosphorus, total emission control	kg/day	-	-
Sewerage lines	SS	mg/L	100	32
	pH	mg/L	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-

Waste discharge	tons	54
Recycling ratio	%	78.3%
VOC emission*	tons	9

*We have started using paints and thinners from 2015.

5.Environmental Topics

1. Waste reduction: Continuing activity for sludge & Paint crust draining in drying bed area, Re-use paper to Printing & Photocopy, Reuse karton box, bubbles plastics for shipment parts
2. Chemical Reduction : Continuing Change some coolant with water base coolant
3. Energy saving: Reduce Energy electricity (Change 2 unit of LED Lamp to solar cell lamp in PTKI road area, Modified the motor Pump in WWT Area from 3700 Watt to 750 Watt, Air conditioner Usage in Lobby Area from Central Type to Split Type, Relayout Machining Crank Case Old Line and Modified Dust Collector)
4. Wastewater management: Condensation water usage from air conditioner

PT. Kubota Indonesia

6.Environmental Communication

6-1. The socialization for PTKI Employees of the use of environmentally friendly shopping bags

Date: Friday, July 5th, 2019

Location: PTKI Meeting Room



6-2.Support Adiwiyata Awards to elementary schools (Ngadirgo 02 & Pesantren) with giving tub for rain water usage for plant watering.

Location : Elementary School Ngadirgo 02 & Pesantren

Date : 13-Sep-19



6-3. Planting mangrove program in Mangunharjo joint with 50 participants (40 Employee, 8 Farmer and 2 Volunteer) & planting 5000 mangroves

Location: Mangunharjo Beach Semarang

Date : Friday, September 27, 2019



PT. Kubota Indonesia

6-4. Providing assistance for fruit trees and hard wood trees plants to the Semarang Government (25 tree)

Location : Semarang City Government seeds garden

Date : 16 Oktober 2019



6-5. Support Adiwiyata Awards to elementary schools (Ngadirgo 02 & Pesantren) by giving trash can for organic, inorganic and hazardous waste.

Location : Elementary School Ngadirgo 02 & Pesantren

Date : 13-Sep-19



6-6. Energy saving education to elementary school near PTKI factory (2 schools), change classroom lamp with LED

Location: Elementary School Ngadirgo 02 & Pesantren

Date 13-Sep-19

Result: 1. Change with LED 10 Watt & 19 Watt lamp at classroom, Ngadirgo 02 Elementary School = 64 Pcs
2. Change with LED 10.5 Watt & 18 Watt lamp at classroom Pesantren Elementary School = 76 Pcs



[Scholarship for students] Scholarship for 20 student Ngadirgo Elementary School 02 & Pesantren Elementary School (@ IDR 500.000)

P.T. Kubota Indonesia

6-6. Energy saving education to elementary school near PTKI factory (2 schools). change classroom lamp with LED (continued)



6-7. Donation of learning kit for special needs children (SLB) "Pejuang Mandiri"

Date: 13 Januari 2020
 Location: SLB Pejuang Mandiri
 Total Donation
 1. Speaking support kits
 2. Pin Ball (65" and 75" pcs)



6-8. Donation for construction of unlivable houses

Date: 2 juli - 12 Sept 2019
 Location: Ngadirgo Regency
 Total Donation 4 unit house

