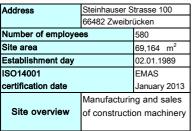
Data on KUBOTA Group Overseas Production Sites 2018 Kubota Baumaschinen GmbH

1.Outline





2 . Products









WHEELED LOADERS

LOADERS

CHAIN DUMPER

3 .Environmental policy



Data on KUBOTA Group Overseas Production Sites 2018 Kubota Baumaschinen GmbH

4. Environmental performance data (Jan. 2017 to Dec. 2017)

Used amount of energy	Crude oil equivalent KL	1,775	
Used amount of water	thousand m ³	7.8	

CO₂ emission* tons CO₂e 3,421

*CO₂ emissions from energy sources. CO2 emission coefficients based on the Manual for Calculation and Report of Greenhouse Gas Emissions(Japan's Ministry of the Environment and Ministry of Economy, Trade and Industry) and GHG protocol

	Initiative	Ver.4.5).
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Main s	1 1 1 C C 1 10C					
	Main smoke and soot generation facilities		No smoke and soot generating facilities			
	Unit	Control content	Control value	Maximum measured		
SOx	-	-	-	-		
NOx	-	-	-	-		
Particulate	e -	-	-	-		
NOx	e -	-	-			

Amount of discharge water		thousand m ³	7.7
Amount of pollutant in discharge	COD	kg/year	117.1
water	Nitrogen	kg/year	0
	Phosphorus	kg/year	1.6

Water pollut	ant measurement result	ls			
			unit	Control value	Maximum measured
	рН		-	-	-
	BOD		mg/L	-	-
	COD		mg/L	-	-
	Nitrogen		mg/L	-	-
Public water areas	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	-	-
Sewerage lines	рН		-	6,5 - 9,0	6.6, 8.9
	BOD		mg/L	-	-
	COD		mg/L	1,000	1,095*
	SS		mg/L	-	-
*The exceedan	ice was reported to the local a	authority and was a	pproved for discharge.		
Waste discharge tons		tons	1,188		
Recycling ratio %		%	96.2%		
		•	•		-
V	OC emission	tons	0.3		1
			210		

5.Environmental Topics

- On the factory floor and in the production buildings, the lighting was switched from conventional lighting to LED lighting.
- Locks were installed on 2 roller shutters on the factory building, so that the warm air does not escape in winter and to prevent drafts.
- 3. The collection of waste film as valuable material was further accelerated
- We continue to try to reduce the amount of treated wood as packaging material through reusable packaging.
- A gate to close the storm sewer at our property boundary has been installed to prevent spills that leak into public waters. (Photo)
- To reduce the gas costs in the social building, a solar system was installed to support the production of hot water.

6.Environmental Communication

KBM has created the Environmental Conversation Targets for following 6 issues to promote environmental conversation activities.

- 1.Reduce CO2
- 2.Conserve water resources
- 3.Reduce waste paper
- 4.Recycling waste
- 5.Improvement of management system to achieve the targets, we share information with all staffs though meetings and flyers
- 6. We installed an VOC- Plant to reduce our VOC emissions (Photo)



Spill prevention measure



VOC emission reduction measure