

## Kubota Industrial Equipment Corporation

### 1. Outline

<b>Address</b>	1001 McClure Industrial Drive Jefferson Georgia, 30549 U.S.A
<b>Number of employees</b>	1219 (Dec, 2020)
<b>Site area</b>	360,170 m <sup>2</sup>
<b>Establishment day</b>	Oct. 01, 2005
<b>ISO14001 certification date</b>	28-Nov-2012
<b>Site overview</b>	Development and manufacturing of tractors, SSL and implements



### 2. Products

#### Main products



L series



Loaders



Backhoes



SSV series

### 3. Environmental policy

For Earth, For Life  
Kubota

## Kubota (KMA/KIE) Environmental Policy

Kubota is committed to preserving the environment. Our goal is to reduce our environmental impact by prevention of pollution resulting in clean safe communities, while producing products that meet or exceed our customers' expectations. Kubota is committed to continual improvement by implementing an environmental management system that fulfills our goal.



# Kubota Industrial Equipment Corporation

## 4.Environmental performance data (Jan. 2020 to Dec. 2020)

<b>Used amount of energy</b>	Crude oil equivalent KL	8,975
<b>Used amount of water</b>	thousand m <sup>3</sup>	35

<b>CO<sub>2</sub> emission*</b>	tons CO <sub>2</sub> e	20,505
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\*CO<sub>2</sub> emissions from energy sources.

Air Pollutant measurement results				
Main smoke and soot generation facilities		Heating furnaces		
	Unit	Control content	Control value	Maximum measured
SOx	-	-	-	-
NOx	ppm	Concentration control	30	12
Particulate	-	-	-	-

<b>Amount of discharge water</b>	thousand m <sup>3</sup>	35	
<b>Amount of pollutant in discharge water</b>	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

Water pollutant measurement results				
		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	-	-
Sewerage lines	pH	-	6.0 - 9.0	6.3, 8.6
	BOD	mg/L	250	105
	COD	mg/L	-	-
	SS	mg/L	250	57

<b>Waste discharge</b>	tons	1,313
<b>Recycling ratio</b>	%	72.3%

<b>VOC emission</b>	tons	0.10
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## 5.Environmental Topics

<p><b>【In an effort to reduce the environmental impact KIE】</b></p> <p><b>① Waste Reduction:</b></p> <ul style="list-style-type: none"> <li>- Switched the weld wire supplier to a new supplier (Lincoln) that offered reusable weld wire wood spools to reduce landfill waste by 35 tons/year. (Photo 1)</li> <li>- Invested to add 1,250 units of steel returnable crates to reduce 161 tons/year of wood waste for the dealerships.</li> </ul> <p><b>② Energy savings:</b></p> <ul style="list-style-type: none"> <li>- Retrofitting the fluorescent lights with LEDs for both Bldg. 1 and 2. The LED lighting saves estim. 557,170 kWh/year which is equivalent to 3,188 tons of CO<sub>2</sub>. (Photo 3)</li> <li>- Replaced the air tools for assemblies with DC electric tools that reduced the demand for compressed air saving 1.6 tons/year of CO<sub>2</sub>. This project will continue in 2021.</li> </ul> <p><b>【Environmental Achievement Award】</b></p> <p>Nominated the lowering VOC emission in liquid paint, but it was disqualified due to lack of data to prove in 2020 because of the delay by COVID-19. (More VOC data were corrected to compare with the previous data and resubmitted to KBT in 2021.)</p> <p><b>【Environmental Month Activity】</b></p> <p>Conducted Environmental Month Clean-up activity in June. (Photo 5)</p> <p><b>【Environmental Audits】</b></p> <p>Legal audit in September Internal audit by GA Tech in November External audit by BSI in December (Photo 6)</p>
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Photo 1. Reusable weld wire wood spools



Photo 2. Steel returnable crates



Photo 3. LED lighting



Photo 4. Environmental Dojo



Photo 5. Environmental Month Clean-up



Photo 6. External environmental audit

## 6.Environmental Communication

<p><b>【Environmental Dojo】</b></p> <p>Conductd the Environmental Dojo training three times in 2020 to educate supervisors and managers who influence their team members on the shop floors and the offices. The objectives are to teach environmental conservation and compliance as well as engaging Gemba for more being sustainable. (Photo 4)</p> <p><b>【Regulatory Training】</b></p> <p>Conducted DOT and HAZWOPER training for team members who handle, ship and manage hazardous wastes.</p> <p><b>【Safety &amp; Environmental Training】</b></p> <p>Conducted Safety Dojo training for all employees including temporary employees. This training includes to teach environmental aspects and impacts caused by the manufacturing and human activities.</p> <p><b>【Internal Communication】</b></p> <p>During the Environmental Month, supervisors conducted briefings to convey the team members the president Kitao's message and promoted the slogan of "Let's work together to reduce plastic waste!!". Conducted Monthly Environmental Objective Meeting Conducted Quarterly Environmental Management Review Meeting</p>
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