

# Kubota Saudi Arabia Company

## 1. Outline

<b>Address</b>	P.O.Box.:68638-Dammam.31537, Dammam Second Industrial, Kingdom of Saudi Arabia
<b>Number of employees</b>	176 (Dec, 2019)
<b>Site area</b>	25,500 m2
<b>Establishment day</b>	Dec. 2009
<b>ISO14001</b>	Sep. 2016
<b>Site overview</b>	Manufacturing and sales of steel casting products, sales of pump and valve, and valve maintenance business



## 2. Products



Catalyst reformer tubes



Cracking tubes for ethylene



Valve Maintenance

## 3. Environmental policy

### For Earth, For Life



### Environmental Policy

(KSACO-EP-01 Rev.3)

In accepting responsibility for establishing and clearly defining a policy regarding environmental performance, management at Kubota Saudi Arabia Company, LLC will follow these guiding principles:

1. Prevent pollution by controlling air emissions, odour, noise and release of other hazardous material typically originating in the metal casting sector.
2. Protect the environment from adverse impact inherent in foundry and metal fabrication processes.
3. Protect the health, safety and well being of employees.
4. Integrate sustainable practices including the conservation of natural resources.

**In the spirit of the guiding principles, management at Kubota commit to:**

1. Comply with all applicable laws and regulations and other requirements.
2. Ensure efficient use of energy and materials.
3. Maintain equipment to prevent pollution.
4. Ensure safe disposal of residual waste.
5. Assess environmental impact before starting a new activity.
6. Establish and maintain environmental emergency response and preparedness plans.
7. Train and encourage employees to consider the environmental impact of job related activities
8. Conduct audits, compare results with objectives, implement corrective action whenever required to achieve continual improvement of the environmental management system.

July 1, 2019

**Kenji Kobiki**  
Chairman and Managing Director  
Kubota Saudi Arabia Company, LLC

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

<b>Used amount of energy</b>	Crude oil equivalent KL	2,516
<b>Used amount of water</b>	thousand m <sup>3</sup>	19

<b>CO<sub>2</sub> emission*</b>	tons CO <sub>2</sub> e	6,476
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\*CO<sub>2</sub> emissions from energy sources.

Air Pollutant measurement results				
Main smoke and soot generation facilities		No smoke and soot generating facilities		
	Unit	Control content	Control value	Maximum measured
SOx	-	-	-	-
NOx	-	-	-	-
Particulate	-	-	-	-

<b>Amount of discharge water</b>	thousand m <sup>3</sup>	12	
<b>Amount of pollutant in discharge water</b>	COD	kg	-
	Nitrogen	kg	-
	Phosphorus	kg	-

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	-	-
Sewerage lines	Phosphorus, total emission control	kg/day	-	-
	pH	-	Transported to sewage treatment plant.	
	BOD	mg/L		
	COD	mg/L		
SS	mg/L			

<b>Waste discharge</b>	tons	5,340
<b>Recycling ratio</b>	%	0%

## 5.Environmental Topics

1. Install Automatic water control system in Pull Boaring Coolant Oil mixing tank.
2. Introduce Self Containment Pallet in LPI water storage IBC container to avoid Leakage & Overflow.
3. Change Normal Fluorascent Lamp to LED lamps to Conserve Energy.
4. Introduce Motion Sensor on Corridors & Toilet Lights to avoid unnecessary usage of Lights .
5. Re Organize Chemical, Oil & Paint Storage to eliminate Environmental Incidents
6. Environment Test & Measurments for Quality of Work Environment 2019

**Pull Boaring Coolant Recycling Pit**

**Before**



**After**



1. Manual Valve used to fill water in coolant recycling mixing tank can create a risk of over flow and spill from the recycling tank if the operator forget to close the valve when the tank is full.

Install Automatic water control system that stop the water filling once the coolant recycling tank water reach up to the required level.

**Bfore**



**After**



2. Introduce Self containment Pallet in LPI water storage IBC container to avoid leakage & Over flow

**Before**



**After**



3. Changing Normal Fluorascent lamp to LED Lamps for conserve energy, Total Lamps Changed = 1,740 Pices in Offices and Plant.

**Before**



**After**



4. Introduce Motion Sensors on corridor & Toilets Lightings to avoid unnecessary usage of lights and to Conserve Energy

5. Re organize chemicals , oils and paint store to eliminate environment Incidents

5.Environmental Topics (continued)



6. Environmental Test & Measurements For Quality of Work Environment 2019

6.Environmental Communication

1. New Employee, Visitors & Contractors HSE Induction Training.
2. Daily HSE Tool Box Talk.
3. Weekly HSE Plant Meeting.
4. Weekly HSE Managers Meeting.
5. ISO 14001: 2015 Environmental Management System Internal Auditor Training.
6. Internal HSE Training for Storage & Handling of Chemicals and Paints.
7. Environment Posters, Programmes & Objectives posted in HSE Bulletin Boards. (HSE Bulletin Boards at 6 Locations)
8. Posting Hazard informations in Chemicals, Oil & Paint Store and in Storage Tanks.
9. Environment Regulatory Approval Certification from Government (General Authority of Metrology & Environment Protection)
10. Best Effort Award for 2019 From Kubota Headquarters, Japan for 6 employees for their contribution to Environmental Conservation Activities in reducing water usage by changing water supply system.
11. Joining of New HSE Officer on March 2019.

**Environmental Education**



HSE Induction Presentation



Weekly HSE Meeting

**Environmental Trainings**



ISO 14001:2015 EMS Internal Auditor Training



Internal Training Attendance for Storage and Handling of Chemicals and Paints

**Environmental Postings**



Posting Environment, Posters, Programmes & Objectives in HSE Bulletin Boards.



Posting Dangerous Good Classification in Chemicals, Oil & Paint Store.



Posting Hazard Information in Diesel Storage Tanks.



**Certificates & Recognitions**



Govt. Approval & Certification From GAMEP Authority (General Authority of Meteorology & Environmental Protection)



Effort Award-2019 from Kubota Headquarters, Japan for 6 Employees for their contribution to Environmental Conservation Activities (Theme: Reduction of Water usage after changing water supply system)