

Kubota Saudi Arabia Company

1. Outline

Address	P.O.Box.:68638-Dammam.31537, Dammam Second Industrial, Kingdom of Saudi Arabia
Number of employees	186 (Dec, 2021)
Site area	25,500 m2
Establishment day	Dec. 2009
ISO14001	Sep. 2016
Site overview	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

(KESACO-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

Kubota Saudi Arabia Company

4.Environmental performance data (Jan. 2021 to Dec. 2021)

Used amount of energy	Crude oil equivalent KL	1,886
Used amount of water	thousand m ³	14

CO₂ emission*	tons CO ₂ e	4,439
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*CO₂ 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	-	-	-	-

Amount of discharge water	thousand m ³	14	
Amount of pollutant in discharge water	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	-	-
	Phosphorus, total emission control	kg/day	-	-
Sewerage lines	pH	-	Transported to sewage treatment plant.	
	BOD	mg/L		
	COD	mg/L		
	SS	mg/L		





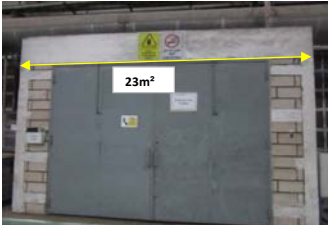







Waste discharge	tons	3,088
Recycling ratio	%	5.3%

5.Environmental Topics

1. Drums kept to collect received metal Chips that mix with coolant oil from Pull boring machines have a risk of drums fall from Forklift during lifting and transferring and it results in spillage of Coolant oil from the drums on the pathway.
2. Insufficient Storage space in Chemical Storage Room leads to temporary storage of Chemicals in different non designated Locations inside workshop and drums kept one above the other inside Chemical Storage Room.
3. Storage condition of Chemicals was inadequate inside Chemical Storage Room.
4. Secondary Containment (Oil Catch tray) installed under Chemical drums was not sufficient to prevent overflow if there is any oil leakage.

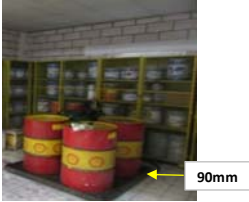
Counter Measures (Improvements)

1. Introduce drum lifting & transfer trolley to lift and transfer the drums that have metal chips mix with coolant oil in pull boring machines and their by reduce the risk of drum falling and spillage of coolant oil during lifting and transferring using forklift.
Modify the oil catch tray so the drum lifting & transferring trolley have access to the discharge point to lift the drums from the chip conveyor outlet.
2. Expand the chemical storage room from 23m² to 36m² to store chemicals in proper location and to avoid storage one above the other inside Chemical storage room.
3. Installed explosion proof Air conditioner inside Chemical storage room to maintain good storage condition.
4. Secondary Containment (Oil Catch tray) installed under Chemical drums was modified from 90mm to 400mm by height to occupy maximum spill / leak and reduce the risk of overflow.

Before		After	
 <p>Drum kept under the chip conveyor outlet to collect metal chips that mix with coolant oil from Pull boring Machine</p>	 <p>Fork lift used to lift and transport the filled drum and can have a risk of drum falling during lifting and transferring and spillage of coolant oil</p>	 <p>Introduce drum lifting & transfer trolley to lift and transfer the drums that have metal chips mix with coolant oil in pull boring machines</p>	 <p>Modify the oil catch tray so the drum lifting & transferring trolley have access to the discharge point to lift the drums from the chip conveyor</p>
 <p>Old Chemical Storage Room 23m²</p>	 <p>Insufficient Storage space in Chemical Storage Room leads to storage of Chemicals drums one above the other</p>	 <p>Expand the chemical storage room from 23m² to 36m² to store chemicals in proper location and to avoid storage one above the other</p>	 <p>Chemical Stored in flat position</p>
 <p>Storage condition of Chemicals is inadequate in Chemical store</p>	 <p>Installed explosion proof Air conditioner inside Chemical storage room to maintain good storage condition</p>		

5.Environmental Topics

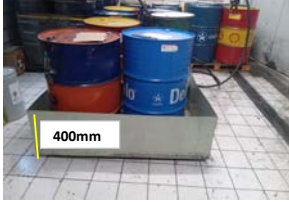
Before



90mm

Secondary Containment (Oil Catch tray) installed under Chemical drums was not sufficient to prevent overflow if there is any oil spill / leak from drums

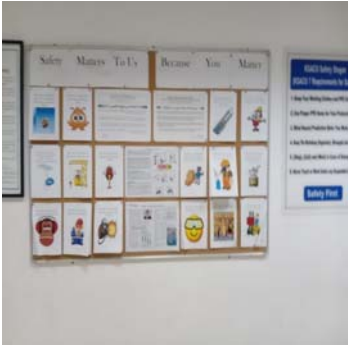
After



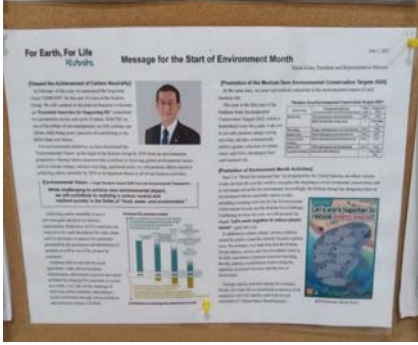
400mm

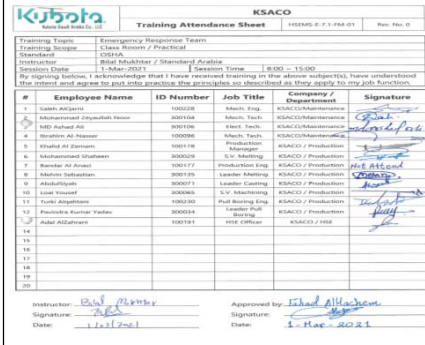
Secondary Containment (Oil Catch tray) installed under Chemical drums was modified from 90mm to 400mm by height to occupy maximum spill / leak and reduce the risk of overflow..

6.Environmental Communication



Message for the start of Environment Month ,June 2021 posted in HSE sign boards at various locations





External Training records for providing Emergency preparedness & Response Team Training (Environment & Safety) on 11-Mar-2021