Data on KUBOTA Group Overseas Production Sites 2020 Kverneland Group Operations Norway AS

1.Outline

2 . Products Main products

Address	Kverneland Group Operation Norway				
	Orstadveien 62, 4055 Kverneland Norway				
Number of employees		514 (Dec, 2019)			
Site area		60.000 m²			
Establishment day		1879			
ISO14001					
certification date		•			
Site overview		Manufacturing of ploughs,			
Site overview		cultivators, etc.			





3 .Environmental policy

- 1. The Kubota Group aspires to create a society where sustainable
- development is possible on a global scale.
- 2. The Kubota Group contributes to the conservation of global and local

environments through its environmentally friendly operations, products, and technologies.

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

vironmen	tal performance	e data (Jan	. 2019 to Dec	5. 2019)	
Used amount of energy		Crude oil equivalent KL	9,892		
Used amount of water		thousand m^3	23		
CO ₂ emission* tons CO ₂ e		4,369		1	
*CO ₂ emissions from energy sources.					
Air Polluta	nt measurement re	sults			
Main smoke and soot generation facilities		No smoke and soot generating facilities			
Unit		Control content	Control value	Maximum measured	
SOx	x -		-	-	-
NOx	NOx -		-	-	-
Particulate	Particulate -		-	-	-
Amount of discharge water		thousand m ³	11		
	COD	kg/year	-		
Amount of pollutant in		Nitrogen	kg/year	-	
uisc	discharge water		kg/year	-	
Water poll	utant measuremen	t results			
			unit	Control value	Maximum measured
pH		-	-	-	
	BOD		mg/L	-	-
Public Water Hexavalent chromium		mg/L	-	-	
			mg/L	-	-
			mg/L	-	-
		ım	mg/L	-	-
	Lead		mg/L	-	-
	COD, total emission control		kg/day	-	-
	Nitrogen, total emission control		kg/day	-	-
	Phosphorus, total emission control		kg/day	-	-
pH Sewerage BOD lines COD			-	6.2~9.5	8.0, 8.6
			mg/L mg/L	30	10
lines	SS		mg/L	-	-
			-		-
Waste discharge tons		442			
Recycling ratio %		%	99.6%		l
VOC emission		tons	15		1

5.Environmental Topics

1. All new lightning equipment use LED lights.

- 2. Annual analysis of discharge water
- 3. Energy monitors installed on power hungry equipment
- 4. Evaporate water from inorganic solvents, to send for recycling.
- 5. Start up of installing magnet filter on cooling towers to sort out metallic particles (Photo)
- 6. Paint cans & equipment in Main Assembly stored in environmental and fire-safe container.

6.Environmental Communication

- 1. Promote sorting of waste for recycling (etc. steel, wood, paper, cardboard, plastics).
- 2. Use 2-sided printing as standard.
- 3. Digitalization development of factory to reduce paper waste.
- 4. HSE information on each production information sheet.
- 5. Safety flash report on Environemntal issue cases, with corrective actions to be done



Ploughs