

Great Plains Manufacturing, Inc. - Lucas Manufacturing Plant

1. Outline

Address	240 S. Greeley, Lucas, KS 67648, USA
Site area	10,312 m ²
Establishment year	1992
ISO14001 certification date	Not Certified
Site overview	Manufacturing Rotary Cutters, Parallel Arm Rotary Cutters, Primary Seeders, Drag Scrapers, etc.



2 . Products Main products



Rotary Cutters

3 .Environmental policy

It is the established policy of Great Plains Manufacturing to comply with all federal, state, and local environmental laws and regulations. We will continue to preserve and protect the integrity of the environment throughout all facilities and our manufacturing process. We will develop, maintain and employ Environmental Management Systems (EMS) and procedures specifically designed to minimize the use of hazardous materials, energy and other natural resources, to minimize the generation of waste, and to enable recycling and reuse of materials.

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

Used amount of energy	Crude oil equivalent KL	1,286
Used amount of water	thousand m ³	0.7

CO₂ emission*	tons CO ₂ e	2,482
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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
SO _x	tons/year	-	100	0
NO _x	tons/year	-	100	0
Particulate	tons/year	-	100	0.42

Amount of discharge water		thousand m ³	0.7
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	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

Waste discharge	tons	326
Recycling ratio	%	84.0%

5.Environmental Topics

In 2020, the Lucas facility obtained a cardboard baler, which allowed for the baling of cardboard for recycling purposes. Recycling and waste reduction was communicated through participating in environmental month. New bathrooms equipped with low flow toilets were installed which helped in water conservation.



6.Environmental Communication

Updated the Hazardous Waste and Hazardous Material Training. Created a required Department of Transportation Training for those who sign hazardous waste shipping manifests, informed the plants of the requirements and began teaching the course. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing. Had signs made to be distributed companywide to spread education and awareness of our recycling goals. Laid the groundwork for 2020 landfill waste reduction plans to be implemented companywide by coordinating with different departments company wide. Baling the cardboard and sending it to Salina for recycling.

