

Great Plains Manufacturing, Inc. - Ellsworth Tillage Implement Plant

1. Outline

Address	910 E. 8th St., Ellsworth, KS 67439, USA
Site area	12,077 m ²
Establishment day	1905/6/30
ISO14001 certification date	Not Certified
Site overview	Manufacturing Turbo-Maxes®, Turbo-Tills®, Turbo-Choppers®, and Turbo-Chisels®. Also produce various Pieces of Land Pride and CE equipment.



2 . Products Main products



Turbo-Max®

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	1,432
Used amount of water	thousand m ³	1.1

CO₂ emission*	tons CO ₂ e	2,762
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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	1.1	
Amount of pollutant in discharge water	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

Water pollutant measurement results				
No water permit required for Ellsworth				
		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	pH	-	-	-
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

Waste discharge	tons	397
Recycling ratio	%	14.0%

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5.Environmental Topics

In 2020, the Ellsworth facility started to expand their recycling program, recycling aluminum cans, plastic bottles, cardboard and steel dust/shot. During the covid-19 pandemic, Ellsworth set up mask stations to collect old masks to be recycled. Recycling stations and signs were put up to make the program run more efficiently.



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. Continuing to develop the internal recycling program that works with their local recycler, picking up the plastic waste and office paper. New recycling signs have been put up around the facility. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing.

