

Great Plains Manufacturing, Inc. - Abilene Manufacturing Plant

1. Outline

Address	1100 NW 8th, Abilene, KS 67410, USA
Site area	17,745 m ²
Establishment year	1989
ISO14001 certification date	Not Certified
Site overview	Manufacturing All-Flex Mowers, Zero Turn Mowers, Flail Mowers, Grooming Mowers, Single Spindle Rotary Cutters, etc.



2. Products Main products



All-Flex Mowers

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	1,932
Used amount of water	thousand m ³	8

CO₂ emission*	tons CO ₂ e	3,762
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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
SO _x	-	-	-	-
NO _x	-	-	-	-
Particulate	-	-	-	-

Amount of discharge water	thousand m ³	8	
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	-	-
Sewerage lines	pH	-	5 ~ 10	9.8
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

Waste discharge	tons	519
Recycling ratio	%	79.0%

5. Environmental Topics

The Abilene East facility recycled 100% of all of its used powder paint for the first time ever. In the previous year 14.57 tons of used powder paint ended up in the landfill. Steel dust/shot was also recycled since June of 2020, approximately 888 lbs. The groundwork was laid to expand cardboard recycling facility wide.



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. Recycling signs were distributed around the plant to help educate and inform employees on the three R's process. Participated in Environmental Month and increased awareness of Kubota Environmental goals and objectives through weekly emails and information sharing.

