

# Great Plains Manufacturing, Inc. - Salina Plants

## 1. Outline

<b>Address</b>	601 Idlewilde, Salina, KS 67401, USA
<b>Site area *</b>	60,758 m <sup>2</sup>
<b>Establishment year</b>	1981
<b>ISO14001 certification date</b>	Not Certified
<b>Site overview</b>	Manufacturing all Grain Drills, Planters, and Sprayers, some Tillage equipment. Began producing Buckets and other CE/L&Pride equipment in 2016

\* Site area includes Salina Plant 1, 2, 5, and 7.



## 2. Products

### Main products



Grain Drills



Sprayers

## 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)

<b>Used amount of energy</b>	Crude oil equivalent KL	4,347
<b>Used amount of water</b>	thousand m <sup>3</sup>	12

<b>CO<sub>2</sub> emission*</b>	tons CO <sub>2</sub> e	8,440
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\*CO<sub>2</sub> 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	tons/year	-	100	0.013
NOx	tons/year	-	100	0.48
Particulate	tons/year	-	100	2.6

<b>Amount of discharge water</b>		thousand m <sup>3</sup>	12
<b>Amount of pollutant in discharge water</b>	COD	kg/year	-
	Nitrogen	kg/year	-
	Phosphorus	kg/year	-

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	-	5 ~ 9	8.4
	BOD	mg/L	-	-
	COD	mg/L	-	-
	SS	mg/L	-	-

<b>Waste discharge</b>	tons	428
<b>Recycling ratio</b>	%	91.2%

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### 5.Environmental Topics

In 2020, the Salina facility made great strides towards waste reduction, water conservation and energy conservation. Great Plains Manufacturing Inc. acquired a new metal scrap vender who agreed to recycle both steel shot and steel dust. Thirty six tons of steel dust/shot was recycled in the months of June through December. Parts washing sequencing improvements were installed in Salina in an effort to conserve water in the part cleaning process. This upgrade is a reduction of 1,595 gallons of water daily, with a 65% reduction in electricity usage. This upgrade also saves the company in chemical purchasing, with the annual total savings being \$251,484. LED lights were installed in the Salina 2 building, saving an estimated \$1,278 a day.



### 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 company wide to spread education and awareness of our recycling goals.

