

I D & R Furniture

Summary

I D & R Furniture manufactures high quality office desks in the state of Iowa. Sales outlook for the next 5 years is expected to double. Wood units represent 80% of the company output with balance being steel with a wood facade. The company is located west of Des Moines along Highway 6, in a 120,000 sq. ft. steel building. Heavy growth in the western suburbs has resulted in development of most of the Highway 6 corridor between Des Moines and Waukee.

The plant, located on 15 acres, began production 30 years ago. The site is bounded on the north side by Highway 6. Several new housing developments have been constructed to the east and west and now are ½ mile from the plant. A new school was also recently constructed 1 mile to the west. A creek forms the southern boundary of the site, with farmland immediately surrounding the property on all sides. The company also owns 20 acres of farmland on the north side of the highway.

Environmental Policy

The I D & R Furniture Company supports the establishment of programs and standards to reduce pollutants and minimize waste. It is committed to continually improving its environmental management system and will meet, and where practical, exceed all relevant current environmental laws and regulations. I D & R will work with its employees, community, and other stakeholders to facilitate improved environmental performance.

All employees will be responsible for performing their work in accordance with the environmental management system.

WORKFORCE DISTRIBUTION

Department	1st Shift	2nd Shift
Dry room	2	2
Receiving	2	
Steel storage	2	
Steel fabrication	10	
Wood cutting-planing	4	4
Wood sanding	8	4
Wood assembly	8	4
Painting	4	
Wood finishing	8	8
Wood pre-finishing assembly	4	2
Storage	1	
Steel assembly	4	2
Packing-shipping	3	1
Maintenance	5	3
Office	8	
TOTAL	73	30

MATERIAL PURCHASES

Material	2013 Qty
Hardwood	1,209,450 sq. ft.
Veneer	311,735 sq. ft.
Custom Paint #1	892 gals.
Custom Paint #2	120 gals.
Custom Paint #3	98 gals.
Custom Paint #4	80 gals.
Wood Stain	7076 gals.
Sealer	23,586 gals.
Paint Solvent	595 gals.
Sealer Solvent	11,793 gals.
Adhesive	938 gals.
Cardboard	22,500 pcs.
Shrink Wrap	60,000 sq. ft.
Pallets	7,500 pcs.
Rags	420 pcs.
Phosphate Sealer	7,500 lbs.
Steel Tubing 1.5" X 2" 14 Ga	236,900 ft.
Phosphate Chemicals	15,750 lbs.
Barrels	370 pcs.
Sanding Pads	243 pc.
Wax	3000 pints
Sanding Belts	2,500 pcs.
Mineral Spirits	260 gals.

WASTE DISPOSAL

Waste	2013 Qty
Scrap Hardwood	483,780 sq. ft.
Scrap Veneer	46,760 sq. ft.
Sawdust	1,690 cu. yds.
Off-Spec Custom Paint #1	55 gals.
Spent Sealer	500 lbs.
Spent Solvent	1,264 gals.
Spent Adhesive	55 gals.
Cardboard	2,500 pcs.
Scrap Shrink Wrap	5,000 sq. ft.
Waste Pallets	1,000 sq. ft.
Contaminated Rags	110 gals.
Scrap Steel	20,000 lbs.
General Trash	50 tons
Phosphating Sludge	30,000 lbs.
Spent Mineral Spirits	110 gals.

UTILITIES

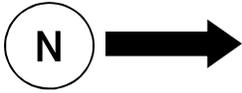
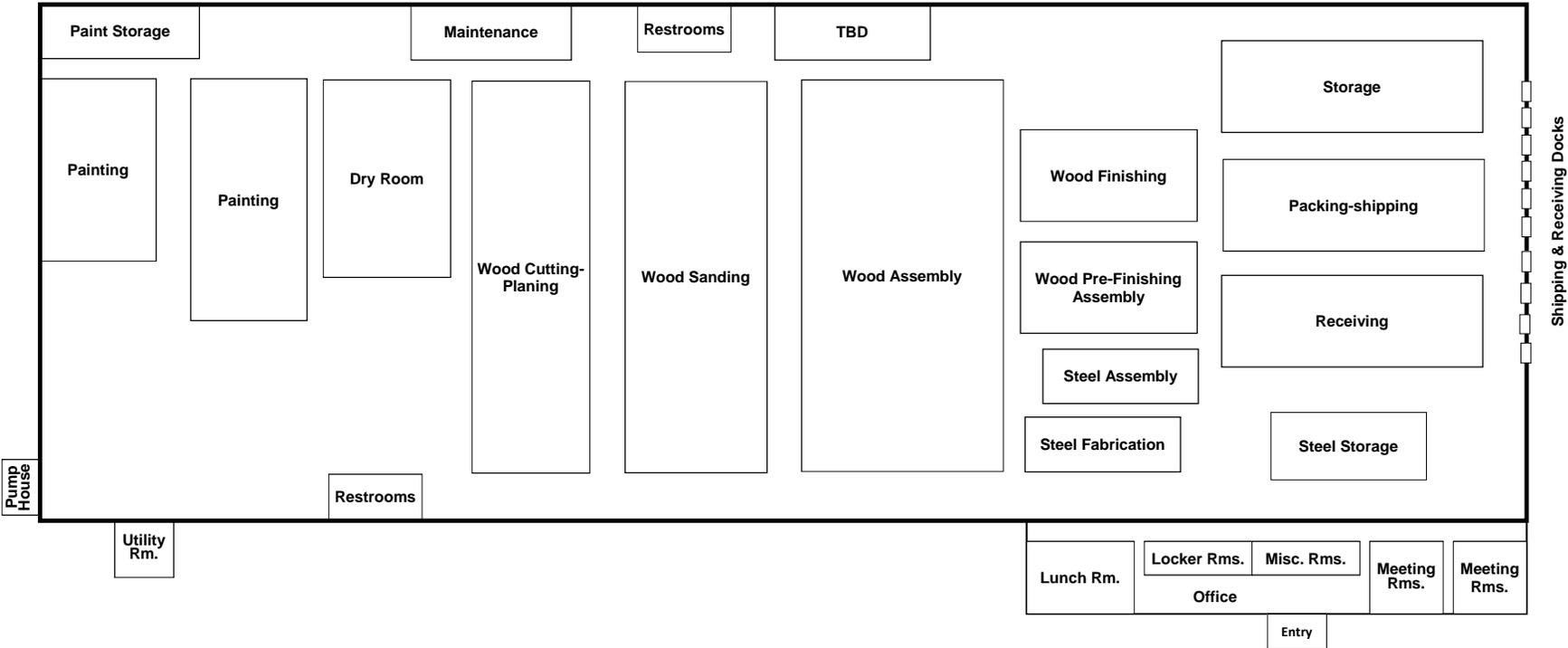
Waste	2013 Qty
Gas	339,854 therms
Electric	6,106,431 kWh
Water	13,234,000 gals.
Sewer	9,925,500 gals (est.)

UTILITY CONSUMERS

Qty	Type	Size	In Service
1	IR Compressor	Rotary Screw 150 HP, rated 739 acfm, fan HP 12.5, Load/unload control, 120 psig / 108psig, 117 kW , loaded 84%	1992
1	IR Dryer	Model HG-750 112psig / 104psig, 2.8 kW	1992
2	Office A/C	4 Ton	1993
1	Dry Room A/C	30 Ton	2001
2	Kiln Boilers	50 HP Steam 3MMBTU	1986
1	Heating Boiler	100 HP Steam 8MMBTU	1987
1	Scrubber	90,000 cfm	1990
1	Dry Off Oven	Forced air 1MMBTU	1979
1	Make Up Air Unit	167,000 cfm	1988
	Halide Fixtures	400 watt & 28 watt ballasts	1976
	Fluorescent Fixtures	T-12 40 watt bulbs & 14 watt ballasts	1982

Waste Storage Area

Outdoor Container Storage



Not to Scale
I D & R Furniture
12/1/2013

Identifying Aspects and Impacts

Facility/Program/Location:					
					Comments

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