Facility General Information

General facility information to review and update (please use red or blue ink to update).

Section 1: Facility Identifactio

a.) County Code:	099	**b.) Plant ID:**	00004
c.) Facility Name:	DOORCRAFT OF INDIANA		

Section 2: Physical Address:

a.) Source Address:	2526 WESTERN AVENUE
b.) Source City and Zip Code:	PLYMOUTH, 465631000

Section 3: Mailing Address:

a.) Corporate Name:	JELD-WEN, INC
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4576.1	**UTM Horizontal:**	557.3
b.)	**Latitude:**	412010	**Longitude:**	861855

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	321911	Wood Window and Door Manufacturing	
b.) Primary SIC Code:	2431	.	Except Wood Windows and Doors

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	PATTY RICHARDSON, AIR PROGRA
b.) Emissions Contact Phone Number:	(541) 885-7420
c.) Emissions Contact Fax Number:	(541) 885-7424
d.) Emissions Contact E-Mail Address:	
e.) Year of Inventory:	2002
f.) Date Updated	
g.) Signature:	

Stack Parameters

Stack Information to Review and Update (please use red or blue ink to update). Use a blank form to add stacks.

Section 7: Stack Information

a.) ID #	b.) Description	c.) Height (ft)	d.) Diameter (ft)	e.) Flow (acfm)	f.) Temp (f)	g.) UTM Vertical or Latitude	h.) UTM Horizontal or
1	WOOD DOOR PLANER	32	2	50270	68	412013	861851
2	EU1 PAINT BOOTH	31	2.9	18000	68	412010	861855
3	EU2 ROLL COATING LINE	22	2.8	18000	68	412010	861855
4	EU2 PORTABLE SPRAY BOOTH	22	2.9	18000	68	412010	861855
5	EU3 ADHESIVE ROLLCOATING	3	21.9	0	68	412010	861855

Abatement Equipment Information

Abatement equipment information to review and update (please use red or blue ink to update). Use a blank form to add abatement equipment.

Section 8: Abatement Equipment

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
1	058	MAT OR PANEL FILTER - 001, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	90
PM10	PARTICULATE MATTER 10	90

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	018	FABRIC FILTER - LOW TEMPERATUR - 004, 1

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PM10	PARTICULATE MATTER 10	99.901

Group/Process/Emissions Information

Please complete information for Groups, Processes and Emissions (please use red or blue ink to update). All highlighted items must be completed. Use a blank form to add groups, processes, and

Section 9: Group Information

a.) Group Number: 001	**b.) Description:** PREFINISH & SPRAY BOOTH			
Operating Schedule:	**c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)				
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**	

Section 10. Process Information

a.) Process Number: 1	b.) Description: DOOR COATING-PAINT W/BASE		
c.) Source Classification Code (SCC): 40200210		d.) Units: Gallons Coating Processed	
e.) Stack Number: 2		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 26.5			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 99.999	

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
102409	GLYCOL ETHER 102409	2		0	
107211	ETHYLENE GLYCOL	2		0	
111762	2-BUTOXY ETHANOL	2		0	
112345	2-(2-BUTOXYETHOXY) ETHANOL	2		0	
121448	TRIETHYLAMINE	2		0	
1330207	XYLENE (MIXED ISOMERS)	2		0	
2807309	2-PROPOXYETHANOL	2		0	
50000	FORMALDEHYDE	2		0	
67561	METHANOL	2		0	
7439965	MANGANESE	9	0.031	0	
HAP (SPC)	HAZARDOUS AIR POLLUTANTS	9	0	0	
PM10	PARTICULATE MATTER 10	9	0.21	89.999	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: DOOR COATING-PAINT W/BASE	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 26.5		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
100447	BENZYL CHLORIDE	9	0	0	
102409	GLYCOL ETHER 102409	2		0	
107211	ETHYLENE GLYCOL	2		0	
111762	2-BUTOXY ETHANOL	2		0	
111900	2-(2-ETHOXYETHOXY) ETHANOL	9	0	0	
112345	2-(2-BUTOXYETHOXY) ETHANOL	2		0	
1330207	XYLENE (MIXED ISOMERS)	2		0	
2807309	2-PROPOXYETHANOL	2		0	
50000	FORMALDEHYDE	2		0	
67561	METHANOL	2		0	
7439965	MANGANESE	9	0.057	0	
98828	CUMENE	9	0	0	
PM10	PARTICULATE MATTER 10	9	0.21	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 3	b.) Description: COATING PAINT WATER BASE	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 26.5		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
107211	ETHYLENE GLYCOL	2		0	
111762	2-BUTOXY ETHANOL	2		0	
111900	2-(2-ETHOXYETHOXY) ETHANOL	9	0	0	
112345	2-(2-BUTOXYETHOXY) ETHANOL	2		0	
50000	FORMALDEHYDE	2		0	
7439965	MANGANESE	9	0.023	0	
PM10	PARTICULATE MATTER 10	9	0.21	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 4	b.) Description: COATING PAINT WATER BASE	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 26.5		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
VOC	VOLATILE ORGANIC COMPOUNDS	9	6.44	0	

Section 10. Process Information

a.) Process Number: 5	b.) Description: COATING PAINT WATER BASE	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 4	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.21	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.31	0	

Section 10. Process Information

a.) Process Number: 6	b.) Description: MAR RESISTANT ADDITIVE	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 26.5		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
111762	2-BUTOXY ETHANOL	9	5.56	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 7	b.) Description: DYNASOLV CLEANING AGENT	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.21		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
VOC	VOLATILE ORGANIC COMPOUNDS	9	8.55	0	

Section 10. Process Information

a.) Process Number: 8	b.) Description: PROPOLYENE GLYCOL	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.21		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
VOC	VOLATILE ORGANIC COMPOUNDS	9	8.64	0	

Section 10. Process Information

a.) Process Number: 9	b.) Description: INK RE-WET ADDITIVE	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.21		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
111900	2-(2-ETHOXYETHOXY) ETHANOL	9	7.94	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 10	b.) Description: WASHER THINNER	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.21		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
100414	ETHYL BENZENE	9	0.215	0	
1330207	XYLENE (MIXED ISOMERS)	9	1.04	0	
67561	METHANOL	9	0.24	0	
78933	METHYL ETHYL KETONE	9	1.95	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 11	b.) Description: METHANOL	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.21		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
67561	METHANOL	9	6.63	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 10. Process Information

a.) Process Number: 12	b.) Description: GLYCOL ETHER EB	
c.) Source Classification Code (SCC): 40200210	d.) Units: Gallons Coating Processed	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0.21		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
111762	2-BUTOXY ETHANOL	9	7.51	0	
VOC	VOLATILE ORGANIC COMPOUNDS	2		0	

Section 9: Group Information

a.) Group Number: 002	**b.) Description:** NATURAL GAS COMBUSTION		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: DRYER OVEN	
c.) Source Classification Code (SCC): 10300602	d.) Units: Million Cubic Feet Burned	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	84	0	
NO2	NITROGEN DIOXIDE	9	100	0	
PB	LEAD	9	0.0005	0	
PM10	PARTICULATE MATTER 10	9	7.6	0	
PT	TOTAL PARTICULATE MATTER	9	7.6	0	
SO2	SULFUR DIOXIDE	8	0.6	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	5.5	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: BOILER	
c.) Source Classification Code (SCC): 10300602	d.) Units: Million Cubic Feet Burned	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
CO	CARBON MONOXIDE	9	84	0	
NO2	NITROGEN DIOXIDE	9	60	0	
PB	LEAD	9	0.0005	0	
PM10	PARTICULATE MATTER 10	9	5.7	0	
PT	TOTAL PARTICULATE MATTER	9	7.6	0	
SO2	SULFUR DIOXIDE	8	0.6	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	5.5	0	

Section 9: Group Information

a.) Group Number: 003	**b.) Description:** ADHESIVE LINE		
Operating Schedule: **c.) Hours/Day:**	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: WD-1300C-2F SPECIALTY POL	
c.) Source Classification Code (SCC): 40200712	d.) Units: Gallons Adhesive Applied	
e.) Stack Number: 5	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 0		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
108054	VINYL ACETATE	9	0.004	0	
50000	FORMALDEHYDE	9	0.00545	0	
67561	METHANOL	9	0.002	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.1	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: RK-8490X H.B. FULLER	
c.) Source Classification Code (SCC): 40200712	d.) Units: Gallons Adhesive Applied	
e.) Stack Number: 5	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): 1.64		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
107131	ACRYLONITRILE	9	0.000009	0	
108054	VINYL ACETATE	9	0	0	
50000	FORMALDEHYDE	9	0.0034	0	
67561	METHANOL	9	0	0	
75070	ACETALDEHYDE	9	0.00036	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	0.25	0	

Section 9: Group Information

a.) Group Number: 004	**b.) Description:** BAGHOUSE & LOADOUT		
Operating Schedule: c.) Hours/Day:	**d.) Days/Week:**	**e.) Weeks/Year:**	**f.) Hours/Year:**
Quarterly Operating Schedule (Must equal 100%)			
g.) 1st Qtr (%):	**h.) 2nd Qtr (%):**	**i.) 3rd Qtr (%):**	**j.) 4th Qtr (%):**

Section 10. Process Information

a.) Process Number: 1	b.) Description: BAGHOUSE	
c.) Source Classification Code (SCC): 30703099	d.) Units: Tons Material Processed	
e.) Stack Number: 1	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 99.999

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	2	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: TRUCK BIN LOADOUT	
c.) Source Classification Code (SCC): 30703099	d.) Units: Tons Material Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour):		
k.) Abatement Equipment Order	l.) Abatement Equipment ID	m.) Capture Efficiency:

Section 11: Emissions Information

a.)		b.)	c.)	d.)	**e.)**
Pollutant	Pollutant Description	Estimation Method	Emission Factor	Overall Controll Efficiency	**Emissions (tons)**
PM10	PARTICULATE MATTER 10	9	0.2	0	