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:	039	**b.) Plant ID:**	00170
c.) Facility Name:	ET AND T FRAMES, INC.		

Section 2: Physical Address:

a.) Source Address:	28816 VENTURA DRIVE
b.) Source City and Zip Code:	ELKHART, 46517

Section 3: Mailing Address:

a.) Corporate Name:	
b.) Mailing Address:	
c.) Mailing City, State, Zip Code:	,

Section 4: Source Location

a.)	**UTM Vertical:**	4300	**UTM Horizontal:**	602.2
b.)	**Latitude:**	385040	**Longitude:**	854921

Section 5: Industrial Classificatio

a.) Primary NAICS Code:	332999	All Other Miscellaneous Fabricated Metal Product Manufacturi	
b.) Primary SIC Code:	3499	. Metal Boxes	

Section 6: Contact Informatio

a.) Emissions Contact Official and Title:	TED HOLLAND, PRESIDENT
b.) Emissions Contact Phone Number:	(219) 293-9511
c.) Emissions Contact Fax Number:	
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	(SV-15 AND SV-16)PAINT RM	23	3.5	11420	0	384955	845535
2	HEATERS	24	0.5	20	77	384955	845535
3	OVEN	30	1.3	1542	0	385040	854921

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	103	CARTRIDGE FILTER FOR POWDER COATING

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.9
PM10	PARTICULATE MATTER 10	99.9

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
2	058	MAT OR PANEL FILTER

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	97
PM10	PARTICULATE MATTER 10	97

a.) Abatement ID	b.) Equipment Code	c.) Abatement Equipment Description
3	099	CLOTH CARTRIDGE FILTER

d.) Pollutant	Pollutant Description	e.) Abatement Efficiency
PT	TOTAL PARTICULATE MATTER	99.99
PM10	PARTICULATE MATTER 10	99.99
1344281	ALUMINUM OXIDE	99.99

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:** SPRAY ROOM (PAINT)			
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: ENAMEL PAINTS AND PRIMERS		
c.) Source Classification Code (SCC): 40200110		d.) Units: Gallons Coating Processed	
e.) Stack Number: 1		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): 27.48595			
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 2	m.) Capture Efficiency: 97	

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	00448458	0	
108101	METHYL ISOBUTYL KETONE	9	64250704	0	
108883	TOLUENE	9	10705877	0	
1330207	XYLENE (MIXED ISOMERS)	9	29331172	0	
78933	METHYL ETHYL KETONE	9	13940025	0	
PM10	PARTICULATE MATTER 10	9	0.074	94.09	
PT	TOTAL PARTICULATE MATTER	9	0.074	94.09	
VOC	VOLATILE ORGANIC COMPOUNDS	9	35329551	0	
VOC (SPC)	VOC FROM SPECIATED CONSTITUENTS	9	2.1867623	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: CLEANUP THINNERS		
c.) Source Classification Code (SCC): 40200901		d.) Units: Tons Solvent Used	
e.) Stack Number: 1		***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***	
j.) Maximum Operation Rate (Units/Hour): .0009702			
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	63.540826	0	
1330207	XYLENE (MIXED ISOMERS)	9	742.77361	0	
67630	ISOPROPANOL	9	0.605335	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	916.94164	0	
VOC (SPC)	VOC FROM SPECIATED CONSTITUENTS	9	1916.9197	0	

Section 9: Group Information

a.) Group Number: 002	**b.) Description:** NATURAL GAS HEATERS			
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: NATURAL GAS	
c.) Source Classification Code (SCC): 10500106	d.) Units: Million Cubic Feet Natural Gas Burned	
e.) Stack Number: 2	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0015049		
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	8	20.0	0	
NO2	NITROGEN DIOXIDE	8	100.0	0	
PM10	PARTICULATE MATTER 10	8	3.0	0	
PT	TOTAL PARTICULATE MATTER	8	3.0	0	
SO2	SULFUR DIOXIDE	8	0.6	0	
VOC	VOLATILE ORGANIC COMPOUNDS	8	5.3	0	

Section 9: Group Information

a.) Group Number: 003	**b.) Description:** FRAME WELDING			
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: FRAME WELDING WIRE	
c.) Source Classification Code (SCC): 30905254	d.) Units: 1000 Pounds Electrode Consumed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0407340		
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)**
1344281	ALUMINUM OXIDE	9	20	0	
7429905	ALUMINUM	9	20	0	
7439965	MANGANESE	9	20	0	
7440020	NICKEL	9	0.001	0	
7440473	CHROMIUM	9	00100143	0	
7440484	COBALT	9	00100144	0	
7440508	COPPER	9	20	0	
PM10	PARTICULATE MATTER 10	8	5.20		

Section 10. Process Information

a.) Process Number: 2	b.) Description: FRAME WELDING ROD	
c.) Source Classification Code (SCC): 30905140	d.) Units: 1000 Pounds Electrode Consumed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0095470		
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)**
1314132	ZINC OXIDE	9	5	0	
7429905	ALUMINUM	9	5	0	
7439965	MANGANESE	9	50	0	
7440020	NICKEL	9	0.002	0	
7440473	CHROMIUM	9	0.004	0	
7440484	COBALT	9	0.001	0	
PM10	PARTICULATE MATTER 10	8	19.70		

Section 10. Process Information

a.) Process Number: 3	b.) Description: FRAME WELDING ROD	
c.) Source Classification Code (SCC): 30905136	d.) Units: 1000 Pounds Electrode Consumed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0254588		
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)**
7439965	MANGANESE	9	50	0	
PM10	PARTICULATE MATTER 10	8	8.0		

Section 9: Group Information

a.) Group Number: 004	**b.) Description:** LIFT TRUCKS/FORKLIFTS		
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: PROPANE	
c.) Source Classification Code (SCC): 27300320	d.) Units: 1000 Gallons Liquified Petroleum Gas (LP	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0084867		
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	129	0	
NO2	NITROGEN DIOXIDE	9	139	0	
PM10	PARTICULATE MATTER 10	9	5	0	
PT	TOTAL PARTICULATE MATTER	9	5	0	
SO2	SULFUR DIOXIDE	9	0.35	0	
VOC	VOLATILE ORGANIC COMPOUNDS	9	83	0	

Section 10. Process Information

a.) Process Number: 2	b.) Description: DIESEL FUEL FOR FORKLIFTS	
c.) Source Classification Code (SCC): 20200102	d.) Units: 1000 Gallons Distillate Oil (Diesel) Bur	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0076376		
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	8	130.0		
NO2	NITROGEN DIOXIDE	8	604.0		
PM10	PARTICULATE MATTER 10	8	42.50		
PM2.5	PARTICULATE MATTER 2.5	8	42.5		
PT	TOTAL PARTICULATE MATTER	8	42.50		
SO2	SULFUR DIOXIDE	8	39.70		
VOC	VOLATILE ORGANIC COMPOUNDS	8	32.1		

Section 9: Group Information

a.) Group Number: 005	**b.) Description:** POWDER COATING OPERATIONS		
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: POWDER COATING	
c.) Source Classification Code (SCC): 40299999	d.) Units: Tons Coating Processed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0461639		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 1	m.) Capture Efficiency: 99.9

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	2000	99.8	
PT	TOTAL PARTICULATE MATTER	9	2000	99.8	
VOC	VOLATILE ORGANIC COMPOUNDS	9	20	0	

Section 9: Group Information

a.) Group Number: 006	**b.) Description:** BLAST 1 AND BLAST 2			
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: ABRASIVE BLASTING	
c.) Source Classification Code (SCC): 30900202	d.) Units: Tons Abrasive Consumed	
e.) Stack Number: 0	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0808316		
k.) Abatement Equipment Order 1	l.) Abatement Equipment ID 3	m.) Capture Efficiency: 99.99

Section 11: Emissions Information

a.) Pollutant	Pollutant Description	b.) Estimation Method	c.) Emission Factor	d.) Overall Controll Efficiency	**e.) Emissions (tons)**
1344281	ALUMINUM OXIDE	9	82	99.98	
PM10	PARTICULATE MATTER 10	9	82	99.98	
PM2.5	PARTICULATE MATTER 2.5	9	2.6	0	
PT	TOTAL PARTICULATE MATTER	9	82	99.98	

Section 9: Group Information

a.) Group Number: 007	**b.) Description:** OVEN			
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: NATURAL GAS	
c.) Source Classification Code (SCC): 40201001	d.) Units: Million Cubic Feet Natural Gas Burned	
e.) Stack Number: 3	***f.) Process Rate (throughput):***	
g.) Ash Content(%):	***h.) Sulfur Content(%):***	***i.) Heat Ratio:***
j.) Maximum Operation Rate (Units/Hour): .0019363		
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	20	0	
NO2	NITROGEN DIOXIDE	8	140.0		
PM10	PARTICULATE MATTER 10	8	3.0		
PT	TOTAL PARTICULATE MATTER	8	3.0		
SO2	SULFUR DIOXIDE	8	0.60		
VOC	VOLATILE ORGANIC COMPOUNDS	9	5.3	0	