

February 5, 2010

Kevin Caldwell ESH Manager Eaton Corporation 400 Lincoln Avenue Searcy, AR 72143

RE: Application for Registration

AFIN: 73-00089 Registration No.: 1319-A-REG315

Dear Mr. Caldwell:

The Department has reviewed your facility's application for registration for the facility located at 400 Lincoln Avenue, Searcy in White County, Arkansas.

The Department has determined that the information certified in the application fulfills the required criteria for registration as specified in Arkansas Air Pollution Control Code (Regulation 18), Section 18.315 and other applicable regulations. Your registration number has been assigned as 1319-A-REG315.

This registration is your authority to construct, operate, and maintain the equipment and/or control apparatus as set forth in your registration request received on January 20, 2010. Eaton Corporation is required to update this registration should the facility operations or emissions change so that the current registration no longer reflects actual operations.

Please maintain a copy of this letter and the application at the facility.

Sincerely

Thomas Rheaume

Permit Branch Manager, Air Division

c: Compliance Monitoring



Eaton Corporation 400 E. Lincoln Avenue Searcy, AR 72143-7499 Tel.: 501-279-2197

Fax: 501-279-2197

February 2, 2010

Arkansas Department of Environmental Quality Air Permitting Section 5301 Northshore Drive North Little Rock, AR 72118

Re: Notification of Air Registration Reply

Dear Mr. Murphy:

This letter and enclosures are in response to your letter to me dated January 26, 2010 concerning Eaton Corporation's Air Permit Registration for our Searcy, AR facility (the facility).

In response to your request that the facility submit a disclosure statement, please note that Eaton Corporation is a publicly held company and therefore exempt from the requirement to submit a disclosure statement as part of the pending air registration application. In accordance with Arkansas Annotated Code Section 8-1-106(b)(4) and the disclosure statement instructions, please find enclosed copies of:

- 1. Eaton Corporation's 2008 Annual Report
- 2. Eaton Corporation's 3Q 2009 Quarterly Statement
- 3. Eaton Corporation's 4Q 2009 Earning Statement

In response to your request that the facility submit detailed emission calculations, please find enclosed a copy of our air emission calculations. Actual emissions were determined by using a combination of USEPA AP-42 emission factors and material balance based on MSDS for materials used.

If you have any question or need any further information, please contact me at telephone number (501)279-2197.

Sincerely,

Kevin Caldwell EHS Manager

Kri (aldul)

Review of Air Sources - DRAFT Eaton Corporation 400 Lincoln Avenue Searcy, Arkansas 72143

Currently Operate 1 shift/day, 5 days/week, 50 weeks/year (2000 hrs/year)

HVAC Equipment	Emission Unit	Description	Process Step	Raw Material	Stack?	Pollution Controls
2,215 000 blu/nr fotal (See Tab THVAC Equipment" for list)	Cinission of the	Description	Process atep	INAW Material	Stackf	T OILUION CONTOIN
2,215 000 blu/nr fotal (See Tab THVAC Equipment" for list)	 			 	 	
2,215 000 blu/nr fotal (See Tab THVAC Equipment" for list)		 "- 	 	 		
S215 000 blufur fotal Gee Tab THVAC Equipment* for list)	HVAC Equipment	HVAC Equipment	Comfort Heating/Cooling	Natural Gas	No	NA
Shot Blast Cabinet Spirts Spirts OG Area -457-277-327-Deep, 147 Freeboard Solvent degreeser - Mineral Spirts OG Area -457-277-327-Deep, 147 Freeboard Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Agueous Maintenance and production parts of Denatured Alcohol Solvent Degreeser/Cleaner Spirts Of Area -457-277-327-Deep, 147 Freeboard Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Office Area -457-277-327-Deep, 147 Freeboard Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Office Area -457-277-327-Deep, 147 Freeboard Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Solvent degreeser - Denatured Alcohol Solvent Degreeser/Cleaner Maintenance and production parts Solvent degreeser - Denatured Alcohol No	3,215,000 btu/hr total	(See Tab "HVAC Equipment" for list)		3.215 mm btu/hr x ft3/1050 btu		
Shot Blast Cabinet Enclosed cabinet Production parts sand blasting Reflex Production Parts Reflex Production Parts Reflex Production Parts Reflex Parts				= 3062 ft3/hr Maximum x 2000		
Shot Blast Cabinet Enclosed cabinet Production parts and bissing Sand Yes Baghouse integral Metal Parts Metal Part				hrs/year = 6,124,000 ft3		
Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits No No No No DG Area - 25"> No No No DG Area - 25"> DG						
Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits No No No No DG Area - 25"> No No No DG Area - 25"> DG			T	 		
Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits DG Area - 45"> Solvent degressers - Mineral Spirits No No No No DG Area - 25"> No No No DG Area - 25"> DG						
Solvent degressers - Mineral Spirits DG Area - 457-27", 32" Deep, 14" Freeboard DG Area - 222", 30", 20" Deep, 15" Freeboard DG Area - 222", 30", 20" Deep, 15" Freeboard DG Area - 222", 30", 20" Deep, 15" Freeboard DG Area - 222", 30", 20" Deep, 15" Freeboard DG Area - 222", 30", 20" Deep, 15" Freeboard DG Area - 222", 30", 20" Deep, 15" Freeboard DG Area - 222", 30", 20" Deep, 10" Freeboard DG Area - 222", 30", 20" Deep, 10" Freeboard DG Area - 222", 30", 20" Deep, 10" Freeboard DG Area - 222", 30", 20" Deep, 10" Freeboard DG Area - 222", 30", 20" Deep, 10" Freeboard DG Area - 222", 30", 20" Deep, 10" Freeboard DG Area - 22", 30", 20" Deep, 10" Freeboard DG Area - 22", 30", 20" Deep, 10" Freeboard DG Area - 22" DEEP, 10" Deep, 10" Freeboard DG Area - 22" DEEP, 10" Deep, 10" Freeboard DG Area - 22" DEEP, 10" Deep, 10" Freeboard DG Area - 22" DEEP, 10" DEE	Shot Blast Cabinet	Enclosed cabinet	Production parts sand blasting	Sand	Yes	Baghouse integral to unit
DG Area - 30'x 30'; 33' Deep, 15' Freeboard Cleaning Cleanin				Metal Parts		
DG Area - 30'x 30'; 33' Deep, 15' Freeboard Cleaning Cleanin						
DG Area - 30'x 30'; 33' Deep, 15' Freeboard Cleaning Cleanin						
DG Area - 30'x 30'; 33' Deep, 15' Freeboard Cleaning Cleanin						
DG Area - 30'x 30'; 33' Deep, 15' Freeboard Cleaning Cleanin						
DG Area - 22" x 30"; 20" Deep, 10" Freeboard DG Area - 22" x 30"; 20" Deep, 10" Freeboard CM Area - 54"x 42"; 40" Deep, 15" Freeboard CR Area - 54"x 42"; 40" Deep, 15" Freeboard CR Area - 54"x 42";	Solvent degreasers - Mineral Spirits	DG Area - 45"x27", 32" Deep, 14" Freeboard	Maintenance and production parts		No _	No
DG Area - 22'x 30", 20" Deep, 10" Freeboard CM Area - 64'x 42", 40" Deep, 15" Freeboard Solvent degreaser - Denatured Alcohol Solvent Degreaser/Cleaner Maintenance and production parts Parts Cleaners - Aqueous Maintenance Shop - Greymills 39"x29", 15" Freeboard Maintenance and production parts Cleaning Cimcular Maintenance Shop - Greymills 39"x29", 15" Freeboard Maintenance and production parts Cleaning Cimcular Maintenance Parts Sprisy Washers - Aqueous CN Machining Area - 2 Bowden Aqueous Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Cimcular Ma338 Parts Cleaners - Acetone BG Assembly Area - 10 gallon est, Cleaning Cleaning Maintenance and production parts Cleaning Multikleen 1573 Cimcular Ma338			Cleaning	(Calumet 300/360)		
CM Area - 64'x 42", 40" Deep, 15" Freeboard Solvent degreaser - Denatured Alcohol Solvent Degreaser/Cleaner Maintenance and production parts Parts Cleaners - Aqueous CN Machining Area - 2 Bowden Aqueous Washers Cleaning CIMCLEAN MA359 CIMCLEAN M		DG Area - 22"x 30", 20" Deep, 10" Freeboard			L	
Solvent degresser - Denatured Alcohol Solvent Degresser/Cleaner Maintenance and production parts Denatured Alcohol No No Parts Cleaners - Aqueous Maintenance Shop - Greymills 39"x29", 15" Freeboard Maintenance and production parts Cleaning ClimCLEAN MA359 Parts Spray Washers - Aqueous CN Machining Area - 2 Maintenance and production parts Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Parts Cleaners - Agetone GA Assembly Area - 10 gallon est., Maintenance and production parts Cleaning (Replace 7? gals/year maximum)					<u> </u>	
Parts Cleaners - Aqueous Maintenance Shop - Greymills 39"x29", 15" Freeboard Maintenance and production parts Cleaning CiMCLEAN MA359 Parts Spray Washers - Aqueous CN Machining Area - 2 Maintenance and production parts Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Parts Cleaners - Acetone BG Assembly Area - 10 gallon est., Maintenance and production parts Cleaning (Replace ?7 gals/year maximum)		CM Area - 54"x 42", 40" Deep, 15" Freeboard			ļ	
Parts Cleaners - Aqueous Maintenance Shop - Greymills 39"x29", 15" Freeboard Maintenance and production parts Cleaning CiMCLEAN MA359 Parts Spray Washers - Aqueous CN Machining Area - 2 Maintenance and production parts Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Parts Cleaners - Acetone BG Assembly Area - 10 gallon est., Maintenance and production parts Cleaning (Replace ?7 gals/year maximum)						<u> </u>
Parts Cleaners - Aqueous Maintenance Shop - Greymills 39"x29", 15" Freeboard Maintenance and production parts Cleaning CiMCLEAN MA359 Parts Spray Washers - Aqueous CN Machining Area - 2 Maintenance and production parts Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Multikleen 1573 Parts Cleaners - Acetone BG Assembly Area - 10 gallon est., Maintenance and production parts Cleaning (Replace ?7 gals/year maximum)						
List Others Cingung CimCLEAN MA359 Parts Spray Washers - Aqueous Cinguard R580 2 Bowden Aqueous Washers Cieaning Multikleen 1573 Typhoon Power Washers Cimcuard R580 Multikleen 1573 Cimcuard R580 Multikleen 1573 Cimcuard R580 Multikleen 1573 Cimcuard R580 Cimcua	Solvent degreaser - Denatured Alcohol	Solvent Degreaser/Cleaner	Maintenance and production parts	Denatured Alcohol	No	No
List Others Cinguing ClimCLEAN MA359 Parts Spray Washers - Aqueous Cinguard R580 2 Bowden Aqueous Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Cimguard R580 Multikleen 1573 Cimguard R580 Multikleen 1573 Cimguard R580 Ci						
List Others Cingung CimCLEAN MA359 Parts Spray Washers - Aqueous Cinguard R580 2 Bowden Aqueous Washers Cieaning Multikleen 1573 Typhoon Power Washers Cimcuard R580 Multikleen 1573 Cimcuard R580 Multikleen 1573 Cimcuard R580 Multikleen 1573 Cimcuard R580 Cimcua						
List Others Cinguing ClimCLEAN MA359 Parts Spray Washers - Aqueous Cinguard R580 2 Bowden Aqueous Washers Cleaning Multikleen 1573 Typhoon Power Washers Cleaning Cimguard R580 Multikleen 1573 Cimguard R580 Multikleen 1573 Cimguard R580 Ci					L	
Parts Spray Washers - Aqueous CN Machining Area - 2 Misintenance and production parts Cimquard R580 Yes No 2 Bowden Aqueous Washers Cleaning Muttikleen 1573 Typhoon Power Washers Climquard R580 Yes No CIMClean MA338 Parts Cleaners - Acetone BG Assembly Area - 10 gallon est., Maintenance and production parts Cleaning (Replace ?? gals/year maximum)	Parts Cleaners - Aqueous				No	No
2 Bowden Aqueous Washers Cleaning Multikleen 1573 CIMClean MA338 C		List Others	Cleaning	CIMCLEAN MA359		
2 Bowden Aqueous Washers Cleaning Multikleen 1573 CIMClean MA338 C	 			<u> </u>		<u> </u>
2 Bowden Aqueous Washers Cleaning Multikleen 1573 CIMClean MA338 C			<u> </u>	<u> </u>		
Typhoon Power Washers CIMClean MA338 Parts Cleaners - Acetone BG Assembly Area - 10 gallon est., List others Cleaning (Replace ?? gals/year maximum)	Parts Spray Washers - Aqueous			Cimquard R560	Yes	No .
Parts Cleaners - Acetone BG Assembly Area - 10 gallon est., Maintenance and production parts Acetone Yes No List others Cleaning (Replace ?? gals/year maximum)			Cleaning		<u> </u>	
List others Cleaning (Replace ?? gals/year maximum)		Typnoon Power Washers	<u> </u>	CIMClean MA338		
List others Cleaning (Replace ?? gals/year maximum)					 	
List others Cleaning (Replace ?? gals/year maximum)				 		
List others Cleaning (Replace ?? gals/year maximum)		<u> </u>				
List others Cleaning (Replace ?? gals/year maximum)	D-+- 01		h	la		la.
	Parts Cleariers - Acetorie				Yes	N0
Paint Suray Booth Paint Matel Parts Solvent-based paint (no thinging) Ves		List others	Cleaning	(Replace ?? gals/year maximum)		
Paint Stray Booth Paint Metal Parts Solvent-based paint (no thinging) Vas Water Curtain			 		 	
Paint Spray Booth Paint Matel Parts Solvent-based paint (no thinging) Vee		 		 	 	
Paint Stray Booth Solvent-based haint (no thinging) Vae Water Curtain			 	 	 	
	Paint Spray Rooth	Spray Booth	Paint Metal Parts	Solvent-based neint (no thinning)	Ves	Water Curtain
Pent weter Faite Contain-passed beaut (to training) 188 Water Cultain	unit oping booti	Obial Coom	I WILL INSIGN COLOR	Consent-pased paint (no transmid)	100	TTUCK GUITAN
				j		J
		,				1
			 	 	 	
		 	 	 	 	
		 	 	 	+ -	
PreWash Aqueous Cleaning SW 727 Yes No		PreWash	Aqueous Cleaning	SW 727	Yes	No
Luprep 601 (Rust Preventative)	· 	<u></u>	,		 	177
Houghton Phos 5450		 			 	+
Longitudi Toa Arto		 	 		 	
Acetone Flushing Clean lines, guns Acetone		Acetone Flushing	Clean lines, guns	Acetone	 	
The state of the s					 	

Emission Unit	Description	Process Step	Raw Material	Stack?	Pollution Controls
Limesion one	Paint Storage Cabinet (w/stirring) Emissions included in booth above	Trocess clep	TAW Waterial	-	TO MARKET CONTROL
	The state of the s				
Paint Hanger Stripping Tank	25"x48" Tank (110 gallons est.)	Submerge clean	Acetone	No	No
Labeling Machine	Silkscreen booth, Infrared Dryer	Silkscreen Oil Filters	ink-like paints	Yes	No
			Screen Wash		
	 				
Tool Sharpening	Production tool repair	Units vent to bag filter on	Metal bits, etc	No	Bag filter
		mezzanine			
DG Spool Grinders (3 connected to 1 collector, 1 to it's own)	Production grinding	Vent to collectors that vent inside	Metal spools	No	Yes, mechanical collectors (2)
					Confirm
Used Solvent Still	Electric, PRI Model Sc	Used to recycle Mineral Spirits	Mineral Spirits	No	Vent to Drum with Filter
Plating Line	Electroless Nickle	Cleaning Tank #1 Cleaning Tank #3		Yes	No
		Cleaning Tank #3	Electrokieen 1557		
		Acid Cleaning Tank #5	Hydrochloric Acid		L
		Nickle Bath	Nitec 8200C		<u> </u>
		Nickle Bath	Nitec 8200B		
		Nickle Bath	Nitec 8200A		<u> </u>
		Nickle Bath	Ammonium Hydroxide 26 BE		
		Rod Hanger Stripping	Nitric Acid 50-70%		
					L
			Nitric, HCI	<u> </u>	<u> </u>
Hot Black Operation	Nickie Strippers		Metex SCB A	Same Vent as Plating	No
			Metex SCB B		
			Penetrate Ultra		<u> </u>
			Oakite 33		
			Uni Kleen 118		<u></u>
			Pen Dip Super	L	<u> </u>
Cold Black Operation			Pen Dip Super	No	No
			Presto Black PBR	L	
			Presto Prep P2 Surface Conditioner	L	
			Fremont 5397 Microlock MZN Zinc Phosphate		
			Microlock MZN Zinc Phosphate		
					
Electric Draw Furnace	Same room as plating above	Metal Parts only		Same Vent as Plating	No
				L	
	Metal Heat Treat	Metal parts	Natural Gas - fuel & atmosphere	Yes	No
Heat Treat Furnaces (2)			Assume 10.00 mm btu/hr	1	l
Heat Treat Furnaces (2)			/ tooding 10.00 min plant		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or bollerplate rating available)		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or boilerplate rating svaliable)		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or bollerplate rating available) Methanol		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or boilerplate rating available) Methanol AAA Quench Oil		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or bollerplate rating available) Methanol		
Heat Treat Furnaces (2)			(Conservative Estimate, no burner or boilerplate rating available) Methanol AAA Quench Oil		

Emission Unit	Description	Process Step	Raw Material	Stack?	Pollution Controls
Induction Hardener	Heat Treat end of Spools	Metal Parts, Electric Heat	Polyguench 15 XN	Yes	No
Thermal DeBurring Unit	Detonating Mixture in Closed Chamber	Production	Natural Gas - Assume 0.25 mmbtu/hr		
			(Conservative Estimate, no burner or		
			bollerplate rating available)		
Steam Oxide Coating Area	Only emits water, electric heat				
Empty Drum Label Painting	Spray cans used to mask labels	Mask drum labels for reuse	ColorPlace Spray Enamel - Flat Black	No	No
	May qualify as Trivial #14				
<u></u>					
					
					
Assembly & Tool Asse	141-4-4		N-FII	·	
Assembly & Test Area	Miscellaneous work stations	Rust Preventative Dip Tank	Mobilerma 247	·	
•		Pre-Brazing Operation	Nicrobraz Green Stop Off Type II		
		Pre-Brazing Operation	Nicrobraz LM-S Brazing Filler		
		Loctite Denatured Alcohol - Wipe cleaning	Various Products (approximately 30) Denatured Alcohol		
		Denatured Alconol - Wipe cleaning	Denatured Alcohol		
AST's	2 - 500 gallon Methanol - Outside	- Ctarana	Methanol	No	No
NOT 8	2 - 500 gallon Methanol - Outside	Storage	Methanol	INO	140
	Coolant Makeup Tank (2-5%) - 2000 gals	Storage	Q-Cool 330	No	No
	Coolant Concentrate Tank - 4000 gais	Storage	Q-Cool 330	No	No
	Coolant Reclaim System Tanks (2) - 1,000 gals each	Storage	Q-Cool 330	No	No
	AW 46 Hydraulic Oil - 4000 gals	Storage	AW 46 Hydraulic Oil	No	No
	AW 32 Hydraulic Oil - 4000 gais	Storage	AW 32 Hydraulic Oil	No	No.
	THE SETTIFICATION OF THOSE MAIN	Ciciego	7 W CE I I JORGENIO CH		
			· · · · · · · · · · · · · · · · · · ·		
			1		
Oil Recisim System	"Enervac", Electric heater	Vacuum pump vents to room		No	No
PRC Laser Welder	Used to spot weld parts - no rods, wires etc. used	Trivial # 29 if no HAPs	Argon, Hellum, CO	Yes	No
		-			
Actual Annual Emissions in TPY:					
"Potential" Annual Emissions in TPY:	Multiplied actual by ratio: 8760/2000				

"Group B" insignificant Units - Exempt from permitting	Trivial ID Reference Number
Known as "Trivial Units" per USEPA White Paper	
Maintenance Shop Welding	# 14
Battery Charging Station	# 20
Drill Presses, Mills, Lathes	# 58
Deburring-stations	# 17
Water Cooling Towers (3)	#44
Compressed Argon Storage Tank - Outside	#21
Compressed Nitrogen Storage Tank - Outside	#21
Wastewater Treatment	#21
Liquid Soap AST - 1000 gais	#22
Soap Concentrate - 2000 gais	#22

Annual Production	Units	Pollutant	Emission Factor	Units	Reference	Control Device	Efficiency
- Industrial	Jilli	1 Originality	Limesion Factor	- Cinta	Welsteines	Common Davida	Lineigney
			 				
			 				
6,124,000		PM		lbs/mmft3	AP-42 Table 1.4-2		
6,124,000		VOC		lbs/mmft3	AP-42 Table 1.4-2		
6,124,000	ft3/hr	Sox	0.6	lbs/mmft3	AP-42 Table 1.4-2		
6,124,000	ft3/hr	NOx		lbs/mmft3	AP-42 Table 1.4-1		1
6,124,000	ft3/hr	co		lbs/mmft3	Ap-42 Table 1.4-1		
		<u> </u>	<u> </u>	The state of the s	7,9 12 1880 111 1		
			1				-
	The about the	PM	0.0000		10 10 7-11- 10 00 1 (-7-1	NA	+
	ibs abrasive used/hr	PM	0,00068	lbs pm/lb abrasive	AP-42 Table 13.2.6-1 (after baghouse)	NA	
			J				
		1					
							
2000	gals/year	voc	6.00	lbs VOC/gallon	MSDS Calumet 300-360, assumes all makeup usage is emitted	+	
2000	Mais/Acat	VOC	0.20	IDS VOC/gation	MODO Calumor 500-300, assumes all makeup usage is crimed	-	
		<u> </u>					
		<u> </u>					
						1	
		T			······································		
260	gals/year	voc	0.04	ibs VOC/gallon	MSDS Denatured Alcohol		
	gais/yeai						
		Methanol	4,96	ibs Methanol/gallon	MSDS Denatured Alcohol (75% Methanol)		
		MIBK	0.66	ibs MiBK/gallon	MSDS Denatured Alcohol (10% MIBK)	<u> </u>	
1210	gals/year	voc	1 0	ibs VOC/gallon	MSDS		
	gals/year	voc		ibs VOC/gallon	MSDS CIMCLEAN MA359		
		 					
	gals/year	voc	0.54	15 - 3 400 / 11	MODE OF THE PERSON AND A PERSON		+
				ibs VOC/gallon	MSDS Cimquard R560 (6% VOC)		_
	gals/year	VOC		ibs VOC/gallon	MSDS Multi-Kleen 1573 (10% MEA)		
2365	gais/year	VOC	0.37	Ibs VOC/gallon	MSDS CIMCLEAN MA338 (0.04 x 9.34)		
		 					
		 	1	· · · · · · · · · · · · · · · · · · ·	Plant-wide emissions of acetone calculated under Paint Hanger Stripping		
See Paint Hanger Strip Tank	gals/year	Acetone	See Paint Hanger Strip Tank		Tank	1	1
See Park Hanger Strip Talik	Dais/ Year	VCGCOUG	See Faint Hanger Strip Tank		TATIK		
		 	<u> </u>				
See Tab "Paint Spray Booth"		voc	7043	lbs VOC/year	Mass Balance - see Tab "Spray booth Paints"	NA	1
r ann opray boots		+	1843	Tibe vooryees	Image pereline - eas ian obial popul calife	177	_
			i		14 B-1	1	
i i		I.,		l.,	Mass Balance - see Tab "Spray booth Paints" (adjusted to account for waste	1	
		Xylene	3291	lbs Xylene/year	disposed)		
		Ethyl Benzene	669	lbs Ethyl Benzene/yr	Mass Balance - see Tab "Spray booth Paints"	L	
		Toluene	8.51	lbs Toluene/yr	Mass Balance - see Tab "Spray booth Paints"		
AQK	gallons SW 727/year	voc		ibs VOC/gal	MSDS SW 727	 	+
495	Gallons Luprep 601/year	VOC					
	Gallons Luprep 601/year		0,88	Ibs VOC/gal	MSDS Luprep 601 (10% MEA)	ļ	
770				ibs VOC/gai	MSDS Houghton Phos 5450 (Ammonium Bifluoride, Phosphoric Acid)	1	1
770 440	Gallons Houghton Phos 5450/year	VOC	0	190 TOO/gail	THE PARTY OF THE P		
770 440	Gallons Houghton Phos 5450/year	VOC		ins toolgal			
770 440	Gallons Houghton Phos 5450/year	Acetone	Included in stripping tank below	100 4 0 0 / gal			

Annual Production	Units	Pollutant	Emission Factor	Units	Reference	Control Device	Efficiency
Alliqual Floudiction	Oline -	r ondant	Elinesion Factor		Keletelice	CONTROL DEVICE	Linciency
		-					
1020	gals/year (plant-wide usage)	Acetone		ibs Acetone/gal	Specific Gravity = 0.79 x 8.34 = 6.59		1
		Benzene	0.0003	ibs Benzene/gal	MSDS Virgin Acetone 100%		
See Tab "Labeling Machine"		VOC	175.28	Lbs VOC/year	Mass Balance - See Tab "Labeling Machine"		
		Glycol Ethers Toluene		ibs Glycol Ethers/year	Mass Balance - See Tab "Labeling Machine" Mass Balance - See Tab "Labeling Machine"	 	
		Acetone		ibs Toluene/year ibs Acetone/yr	Mass Balance - See Tab "Labeling Machine"		+
		Acetorie	01.33	IDS Acetoria/yi	Mass Dalatice - See Lan Canellid Middilline	 	+
							
							
		Particulate	1	lb/hr, uncontrolled	Engineering Estimate (actual emissions likely much lower)	Bagfilter	90% est.
							
		Particulate	0.5	lb/hr/unit, uncontrolled	Engineering Estimate (actual emissions likely much tower)	Mechanical collector	90% est.
· · · · · · · · · · · · · · · · · · ·							
			· · · · · · · · · · · · · · · · · · ·				+
		 					+
See "Solvent Degreasers" above		voc	NA .	NA	Plant-wide emissions included in Mineral Spirits solvent degreasers above		+
COO CONTONIA DOMINADORO ADOVA			1 1 1	147	I were a surrounded in contract in metal as chillis sold all radiossals applies	 	+
						 	+
1150	lbs used/yr (10.93 lbs/gal)	NA			MSDS (Potassium Hydroxide, Sodium Hydroxide,)		
		NA			MSDS (Sodium Carbonate, Sodium Hydroxide,)		1
					Table 4 - "Characterizing Site-Specific Source Emissions for EPA's		
					Risk Assessment Tool for the Metal Finishing Industry" (Schwartz & Lorber,		
	gals used/year	HCI	140	Grams HCI/day (140,000 mg)	1999)		
330	gals used/year	NA			MSDS (Acetic Acid, Ammonium Hydroxide, Sodium Hypophosphite)		
55	gals used/year	NA			MSDS (Sodium Hypophosphite)	ļ	
					Table 4 - "Characterizing Site-Specific Source Emissions for EPA's		i
200		Nijeka) Od-	44	C NI-II- (d (44 000)	Risk Assessment Tool for the Metal Finishing Industry" (Schwartz & Lorber,	İ	
	gals used/year gals used/year	NA Cmpds	41	Grams Nickle/day (41,000 mg)	1999) MSDS (Ammonium Hydroxide, Ammonia, Water)		
	gals used/year	NA			MSDS (Aminonium Hydroxide, Aminonia, Water)		
	Mais asem leai	TWA .			Misco (Millio Acid)		+
					· · · · · · · · · · · · · · · · · · ·		
							+
200	Ibs Metex SCB Alyear	NA .			MSDS Metex SCB A (Aryl Sulfonates)		
30	gals Metex SCB B/year	VOC	1.46	ibs VOC/gal	MSDS Metex SCB B (Ethylenediamine)		
330		NA			MSDS Penetrate Ultra (NaOH, Sodium nitrite, nitric acid)		
55	Gals Oakite 33	VOC	1.67	ibs VOC/gal	MSDS Oakite 33 (2 Butoxy Ethanol)		
		NA			MSDS Uni Kleen 118 (NaOH, KOH)		
550	Gals Pen Dip Super/year	voc	6.59	ibs VOC/gat?	MSDS Pen Dip Super	ļ	
		1/00					
		VOC	6.59	ibs VOC/gal	MSDS Pen Dip Super (Assume all makeup is emitted - conservative)		
	gallons Presto Black PBR/year gallons Presto Prep P2/year	VOC		lhe VOC/anllen	MSDS Presto Black Replenisher (H2SO4, Copper) MSDS Preso Prep P2 (Monoethanolamine)	 	+
	gallons Presto Prep P2/year lbs/year	NA .	2.02	ibs VOC/gallon	MSDS Preso Prep P2 (Monoetnanolamine) MSDS Fremont 5397 Soak Cleaner (NaOH)	 	+
		NA .			MSDS MZN Zinc Phospate (Phosphoric & Nitric Acid, Zinc salts)	 	+
	New-year				Interest Miles Emp ("Indepute (Findsprione of Mills Acid, Zille Baile)	 	+
							+
							1
		No emissions expected	NA				
19,047,619		РМ		lbs/mmft3	AP-42 Table 1.4-2		
		voc		lbs/mmft3	AP-42 Table 1.4-2		
		Sox		lbs/mmft3	AP-42 Table 1.4-2		
		NOx		lbs/mmft3	AP-42 Table 1.4-1		
	nottone Methonal Arres	CO		ibs/mmft3	Ap-42 Table 1.4-1		+
	gations Methanol/year gations AAA Quench Oil/year	VOC/Methanol VOC	No emissions	the MOC/selles	October 27, 2000 Stack Test, non-detectable MSDS Quenching Oil (0.88 x 8.34 = 7.17) Assume all make-up is emitted	 	+
110	gallons Quenching Oil 22/year	VOC		ibs VOC/gallon ibs VOC/gallon	MSDS Quenching Oil (0.88 x 8.34 = 7.17) Assume all make-up is emitted MSDS Quenching Oil 22 (.88 x 8.34 x 0.90 - light distillates)	-	+
110	Ventria direttoring Off ZZ/year	Toluene		ibs Voc/gallon	MSDS Quenching Oil 22 (1.88 x 8.34 x 0.90 - light distillates)	 	
		Ethyl Acrylate	0.0002	ibs Ethyl Acrylate/gal	MSDS Quenching Oil 22 (Toluene)	 	+
			0.00007	IDO CITY / N. YIGITI/ VGI	(mode quenoming Oil 22 (Citiyi Adiyiate)		

Privileged and Confidential - Prepared at Attorney's Request

Annual Production	Units	Pollutant	Emission Factor	Units	Reference	Control Device	Efficiency
	Polyquench 15 XN	VOC?			MSDS		
476,190	ft3 Natural gas/yr	PM	7.6	jbs/mmft3	AP-42 Table 1.4-2		
	(250,000 btu/hr x ft3/1050 btu x	Voc	5.5	lbs/mmft3	AP-42 Table 1.4-2		T
	2000 hrs/yr =' 476,190)	Sox		lbs/mmft3	AP-42 Table 1.4-2		
		NOx		lbs/mmft3	AP-42 Table 1.4-1		
		co	84	lbs/mmft3	Ap-42 Table 1.4-1		
15	total pounds used	Voc		lbs VOC/lb	MSDS Colorplace Spray Enamel - Black		
		Toluene		ibs Toluene/ib	MSDS Colorplace Spray Enamel - Black		
		Acetone	0.36	lbs Acetone/lb	MSDS Colorplace Spray Enamel - Black		
	Gals/year	VOC		ibs/gai	MSDS (Kerosene content = 0.8 x 7 = 5.6) Assume all is emitted		
	Gals/year	None	NA	NA	MSDS (Water-based)		
	Gals/year	Chromium		lbs used/year	MSDS (.08 x 7.21 x 8.34) Assume all is emitted (for this review only)		
	ibs Loctite Products/year	VOC	0.084	lbs VOC/lb	MSDS - highest VOC value of the highest quantities used (270 Threadlocker)		
See Solvent Degreaser -					<u> </u>		
Denatured Alcohol							
2507	gallons methanol/year	VOC		Ibs VOC/year	TANKS Version 4.0.9d (See tab "TANKS")		
		Methanol		ibs Methanol/year	TANKS Version 4.0.9d (See tab "TANKS")		
		VOC		ibs VOC/year	TANKS Version 4.0.9d (See tab "TANKS")		
	Gallons Q-Cool 330	VOC		lbs VOC/year	TANKS Version 4,0.9d (See tab "TANKS")		
	Gallons Q-Cool 330	VOC		lbs VOC/year	TANKS Version 4.0.9d (See tab "TANKS")		
3911	Gallons AW 46 Hydraulic Oil	VOC		lbs VOC/year	TANKS Version 4.0.9d (See tab "TANKS")		
4000	Gallons AW 32 Hydraulic Oil	VOC	0.02	ibs VOC/year	TANKS Version 4.0.9d (See tab "TANKS")		
87,110		VOC	3,3	lbs VOC/ton	AP-42 Table 4.7-1 "Emission Factors for Solvent Reclaiming"		
	(11,313 gals x 7.7 est = 87,110 lbs)				(Conservative - Would overestimate emissions from oil reclaiming)		
		Particulate	0.25	lbs/hr	Engineering Estimate based on parts welded, actual emissions likely lower		
						ļ. ——	+
		<u> </u>				+	-
·					<u> </u>	-	+
			 		<u> </u>		+
							-
					<u> </u>		-
					<u> </u>	 	
						-	
							+
		1	<u> </u>	<u> </u>			

DM .	VOC	Sox	NOx	-00	Acater	Taluana	Vulana	Cabad A amilat-	Ethni Banes	Bannana.	Ohreal Etha-	Mathanal	MIBK	Chromium Cmpds	Mickel Conds	HCI	Total HAP
PM	VOC	80X	NOX	CO	Acetone	Toluene	Xylene	Etnyi Acrylate	Ethyl Benzene	Benzene	Glycol Ethers	Methanoi	MIBK	Caromium Capas	Nickei Cripas	HUI	TOTAL HAP
(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)			_									
													_				
0.02																	
0,02	0.02								 			 					
	0.02						ļ		ļ								₩
		0.002				I	1		L			L			i		
			0.31		_							1	-				1
			0.0.	0.26													
				0.20													
																	
0.03														-			
							†										
							ļ										+
																	
							1						1	ļ		1	
				_			1										+
								L	 	L		 					+
	6.26																1
						1											-
							Ī		1			T					T
							1		 								+
																	
						l							L				
							-						 	 			
																	+
	0,86													l			
												0.64					
							, 		, 				0.09				
													0.00				+
				_													
	0.00								Į.		l						
	0.07																
_																	
				_								_					+
	0.06						l		1			1	1	1			.)
	0.22																T
	0.44													f			+
	0.44																+
																	1
						_											
+																	+
- 1		- 1	- 1			l	l		ł		}	1	ł	}	1	1	ł
										<u></u>		<u> </u>	<u></u> .				
_							1										
							-					 					+
									 			 					
															1		
	3.97					_	1) 	
	3.87						-						 				+
	l	I		i					I					1	1		1
		I		- 1			I		1				l	1	1		I
		I		I		l	1.65		1			1	1	l .	1	I	1
						 	1		0.33			 				_	1
		 +				2		···—_								+	+
						0,004			l								
]			1	. ———			1	1
	0.00															·	1
	0.00		- 1			ļ											+
	0.34								<u> </u>			L					1
	0.00															1	
									T						1		T
						_			 								+
												 					+
						ı			1		,						

PM	VOC	Sox	NOx	СО	Acetone	Toluene	Xylene	Ethyl Acrylate	Ethyl Benzene	Benzene	Glycol Ethers	Methanol	мівк	Chromium Cmpds	Nickel Cmpds	HCI	Total HAPs
					3.36												
					 -					0.0002							
	0.09										0.001495						
						0.05					0.001480						
					0.03												
												<u> </u>			<u> </u>		
																	
																	
0.44																	
 																	┼
0.88																	
 															 		
																	
 	$\overline{}$														<u> </u>		
ļ																	┼
[1		ĺ										[[
L																0,06	<u> </u>
								_									
0.02															_0.02		
0.02																	
ļ													ļ				ļ'
	-				-												
	0.02																
	0.05																
-	1.81															-	
	1.81																
 +	0.11												<u> </u>				
		$-\Box$															
	+																+
																	
0.072	0.05																+
	0.05	0.0057											··	 		 	
			0.95														
	0.00			0.8													
	0.00											0			 		+
	0.39 0.35																
						0.00001		0.000004									
								0.000004					L		L	<u> </u>	

PM	VOC	5	NO	-00			V 1	Table 1 A conducts	Esta de Barancia		let	Inches 1	Tanana .	Tet	Minted Consider	1101	T-4-1114 D-
PM	VOC	Sox	NOx	co	Acetone	Toluene	Xylene	Ethyl Acrylate	Ethyl Benzene	Benzene	Glycol Ethers	Methanol	MIBK	Chromium Cmpds	Nickel Cmpas	HCI	Total HAPs
ļ	 			 	 -						 	 			 		
																	+
0.002	 																
0.002	0.00								 		ļ		 		 		
	0.00	0.0001															+
		0.0001	0.02											 			
	 		0.02	0.02					 		 			+			+
				0.02			-										+
	0.01								 		 			 			+
	0.01					0.0009			 		 						+
					0.003		-				 			 			+
					0.003									 			+
					 		-							 	 		+
											 			 			
							 				 			+			+
	0.15										 			+	 		+
	0.15						-							 			+
							 							0.0024			+
	0.01													0.0024	-		
	0.01				<u> </u>				 		 			 	ļ. ——		
																	+
																	
							ļ				ļ			 	ļ		
	0.01						ļ										
	0 00004											0.01					
	0.00001																
	0.00002																
	0.00001																
	0.00001													<u> </u>	<u> </u>		
	0.00001																
																	
																	
	0.07						ļ								<u> </u>		
													<u> </u>		<u> </u>		
							ļ						ļ				
0.25							-										
																	
												<u> </u>		1			
														<u> </u>			
	 										<u> </u>						
1.71	17,17	0.01	1.28	1.08	3.39	0.053	1.646	0.000004	0.3345	0.0002	0.0015	0.66	0.09	0.00	0.02	0.06	2,85
(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)
<u></u>											<u> </u>			<u> </u>	<u> </u>		
7.50	75,21	0.034	5.62	4.72 (TPY)	14.84	0.23	7.21_	0,000017	1,47	0.0007	0.01	2.88	0.38	0.01	0.07	0,25	12.50
(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)	(TPY)
PM	VOC	Sox	NOx	CO	Acetone	Toluene	Xylene	Ethyl Acrylate	Ethyl Benzene	Benzene	Glycol Ethers	Methanol	MIBK	Chromium Cmpds	Nickel Cmpds	HCI	Total HAPs

Review of Paints to Identify Worst-case Note that none are thinned

					HAPS:					
ID	Annual /Usage	Density	VOC Content	Ibs VOC Emitted	Xylene	ibs Xylene Emitted	Ethyl Benzene	Lbs Ethyl Benzene	Toluene	ibs Toluene Emitted
	Gallons/year	Lbs/gallon	lbs/gal		lbs/gal		lbs/gal		lbs/gal	
		•	(Minus Water)		-		-			
PPG - 13P MF Grav	;	3 9.1	4.5	36	2.34	18.72	0.41	3.28	0	0
PPG - 13 CC New Cat Yellow	19			889.2	2.54	495.3	0.45	87.75	ō	ō
PPG - 13 AC Ford Blue	1:			70.5	2.16	32.4	0.38	5.7	ō	Ŏ
PPG - 13 B Gloss Black	660			3088.8	2.89	1907.4	0.47	310.2	Ō	Ō
PPG - JD Green	23				2.3	540.5	0.4	94	0	Ò
PPG - 13 CF Bright Yellow	169	9.94		757.35	0.99	163.35	0.17	28.05	0	Ō
PPG - 13 BN Case Tan		9.44	4.74	37.92	1.82	14.56	0.32	2.56	0.03	0.24
PPG - 13V IHC Red	8	9,13	4.65	37.2	2.04	16.32	0.36	2.88	0	0
PPG - 13 AQ JD Black	199	8.25	5.13	1000.35	1.77	345.15	0.33	64.35	0.03	5.85
PPG - Industrial Yellow	10	8.06	4.82	48.2	2.13	21.3	0.37	3.7	0	0
PPG - 13 CE Gray	(8.58	4.61	0	2.39	0	0.42	0	0	0
PPG - 13 AF Cessna White	69	10.13	4.34	282.1	2.11	137.15	0.36	23.4	0	0
PPG - 13C MF Red	{	8.16	4.71	37.68	2	16	0.35	2.8	0	0
PPG - 13 A Prime	110	8.66	4.9	539	2.12	233.2	0.37	40.7	0.022	2.42
* Total Emissions - Ibs				7942.9		3941.35		669.37		8.51

^{*} Assumes all usage is emitted to atmosphere, actual emissions lower as some material is disposed as waste.

For CY 2008, plant disposed of 12,265 lbs of paint waste. Of this amount, 53,000 mg/kg was Xylene. 53,000 mg/kg = 0.053 lbs Xylene/lb waste. 0.053 lbs/lb waste x 12,265 lbs = 650 lbs xylene disposed as waste

3291.35 Ibs xylene emitted adjusted for waste content

Privileged and Confidential - Prepared at Attorney's Request

Review of Coatings used in Labeling Machine Note that none are thinned

					HAPs:					
ID	Annual /Usage	Density	VOC Content	Ibs VOC Emitted	Glycol Ethers	ibs Glycol Ethers	Toluene	Lbs Toluene Emitted	Acetone	lbs Emitted
	Gallons/year	Lbs/gallon	lbs/gal (Minus Water)		lbs/gal		lbs/gal		lbs/gal	
NAZDAR - 7222 Ultra Blue	0.2	25 8.93	4.61	1.15	5.36	3 1.34	0.45	0.11	0	0
NAZDAR - 7219 Fire Red	0.2	25 8.71	4.59	1.15	2.61	1 0.65	0.44	0.11	0	0
NAZDAR - 7260 Orange	0.1	13 8.95	4.51	0.59	2.69	9 0.35	0.45	0.06	0	0
NAZDAR - 7275 Super Opaque White		0 12.11	4.13	0.00	3.63	3 0.00	0.61	0.00	0	0
NAZDAR - 7252 Super Opaque Black	0.2	25 8.67	5.07	1.27	2.6	0.65	0.43	0.11	0	0
NAZDAR Screen Wash	:	24 7.35	7.13	171.12	C	0.00	4	96.00	2.14	51.36
Total Emissions - lbs				175.27		2.99		96.39		51.36
	NAZDAR - 7222 Ultra Blue NAZDAR - 7219 Fire Red NAZDAR - 7260 Orange NAZDAR - 7275 Super Opaque White NAZDAR - 7252 Super Opaque Black NAZDAR Screen Wash	NAZDAR - 7222 Ultra Blue 0.3 NAZDAR - 7219 Fire Red 0.4 NAZDAR - 7260 Orange 0.5 NAZDAR - 7275 Super Opaque White NAZDAR - 7252 Super Opaque Black 0.3 NAZDAR Screen Wash 2	NAZDAR - 7222 Ultra Blue 0.25 8.93 NAZDAR - 7219 Fire Red 0.25 8.71 NAZDAR - 7260 Orange 0.13 8.95 NAZDAR - 7275 Super Opaque White 0 12.11 NAZDAR - 7252 Super Opaque Black 0.25 8.67 NAZDAR Screen Wash 24 7.35	Gallons/year Lbs/gallon bls/gal (Minus Water) NAZDAR - 7222 Ultra Blue 0.25 8.93 4.61 NAZDAR - 7219 Fire Red 0.25 8.71 4.59 NAZDAR - 7260 Orange 0.13 8.95 4.51 NAZDAR - 7275 Super Opaque White 0 12.11 4.13 NAZDAR - 7252 Super Opaque Black 0.25 8.67 5.07 NAZDAR Screen Wash 24 7.35 7.13	NAZDAR - 7222 Ultra Blue	Gallons/year Lbs/gallon bls/gal (Minus Water) Ibs/gal (Minus Water) NAZDAR - 7222 Ultra Blue 0.25 8.93 4.61 1.15 5.36 NAZDAR - 7219 Fire Red 0.25 8.71 4.59 1.15 2.66 NAZDAR - 7260 Orange 0.13 8.95 4.51 0.59 2.66 NAZDAR - 7275 Super Opaque White 0 12.11 4.13 0.00 3.63 NAZDAR - 7252 Super Opaque Black 0.25 8.67 5.07 1.27 2.6 NAZDAR Screen Wash 24 7.35 7.13 171.12 0	NAZDAR - 7222 Ultra Blue 0.25 8.93 4.61 1.15 5.36 1.34 NAZDAR - 7219 Fire Red 0.25 8.71 4.59 1.15 2.61 0.65 NAZDAR - 7275 Super Opaque White 0 12.11 4.13 0.00 3.63 0.00 NAZDAR - 7252 Super Opaque Black 0.25 8.67 5.07 1.27 2.6 0.65 NAZDAR Screen Wash 0.25 8.67 7.13 171.12 0 0.00 NAZDAR Screen Wash 0.25 0.00 0.00 NAZDAR - 7260 Cannot be reduced by the control of t	NAZDAR - 7222 Ultra Blue	NAZDAR - 7222 Ultra Blue 0.25 8.93 4.61 1.15 5.36 1.34 0.45 0.41 0.45 0	NAZDAR - 7222 Ultra Blue 0.25 8.93 4.61 1.15 5.36 1.34 0.45 0.11 0 0.45 0.45 0.11 0 0.45 0

ID Number	Heating BTU
102	150,000
103	150,000
105	90,000
108	100,000
113	120,000
114	250,000
115	300,000
118	250,000
119	200,000
120	90,000
121	120,000
122	
125	
126	
127	
128	120,000
138	_120,000_
146	
200	270,000
201	270,000
Total Heating BTU/hr	3,215,000

PRIVILEGED AND CONFIDENTIAL - PREPARED AT ATTORNEY'S REQUEST

Storage Tanks

			Length	Diameter	Diameter				
Tank Description	Size (Gallons)	(Inches)	(Feet)	(Inches)	(Feet)	Location	Material Stored	VOC Content	VOC, if known
A) Standard Tombre									
A) Storage Tanks									
Coolant Make-up Tank	2,000	169	14.1	60	5	Indoors	Q-Cool 330	35%	Triethanolamine
Coolant Concentrate Tank	4,000	169	14.1	84	7	Indoors	Q-Cool 330	35%	Triethanolamine
Coolant Reclaim System Tank	1,000	88	7.3	56.75	4.7	Indoors	Q-Cool 330	35%	Triethanolamine
Coolant Reclaim System Tank	1,000	88	7.3	56.75	4.7	Indoors	Q-Cool 330	35%	Triethanolamine
AW 46 Hydraulic Oil Tank	4,000	169	14.1	84	7.0	Indoors	AW 46 Hydraulic Oil Tank	Neglible?	-
AW 32 Hydraulic Oil Tank	4,000	169	14.1	84	7.0	Indoors	AW 32 Hydraulic Oil Tank		
Methanol	500	118	9.8	38	3.2	Outdoors	Methanol	100%	Methanol
Methanol	500	118	9.8			Outdoors	Methanol	100%	Methanol
B) Process Tanks									
Cutting Oil Reclaim Tanks:									
Cutting Oil Reclaim Tank #1	1,000	110		48		Indoors	Citgo Ordinance Oil 250		
Cutting Oil Reclaim Tank #2	500	55		48		Indoors	Citgo Ordinance Oil 250		
Cutting Oil Reclaim Tank #1	1,000	110		48		Indoors	Citgo Ordinance Oil 250		
Hydraulic Oil Reclaim Tanks:									
AW 32 Hydraulic Oil Reclaim Tank #1	1000	110		48		Indoors	AW 32 Hydraulic Oil		
AW 32 Hydraulic Oil Reclaim Tank #2	500	55		48		Indoors	AW 32 Hydraulic Oil		
AW 32 Hydraulic Oil Reclaim Tank #3	1000	110		48		Indoors	AW 32 Hydraulic Oil		

PRIVILEGED AND CONFIDENTIAL - PREPARED AT ATTORNEY'S REQUEST

Material Annual Throughput (Plant Total)	Tank Annual Throughput		Tank Throughput VOC Only	Vapor Pressure	Comments	Annual Emissions - Per Tanks 4,09d (lbs/year)
		-		·		
14496		1.812		<.01 mm Hg @ 68 F		0.02
14496 14496			1208.4	<.01 mm Hg @ 68 F <.01 mm Hg @ 68 F	Balance - vvater	0.03 0.01
14496		3.624	1200.4	<.01 mm Hg @ 68 F	Ralance - Water	0.01
14400	0024	0.024	1200.4	4.01 mm rig @ 001	Delarios Water	0.0.
3911	3911	0.98		< .01 mm Hg @ 20 C		0.02
4000	4000			< .01 mm Hg @ 20 C		0.02
2507				128 mm hg; 2.47 psi	Nitrogen Blanket - does not affect emissions	13.58
2507	1253.5	2.5		128 mm hg; 2.47 psi	Nitrogen Blanket - does not affect emissions	13.58

	2000	2			Estimated throughput; ran TANKs as if vertical	0.07
	1000				Estimated throughput; ran TANKs as if vertical	0.04
	2000	2			Estimated throughput; ran TANKs as if vertical	0.07
						
			1			Assumed emissions same as for storage tank above
						ac ici storago tarin above
			i			Assumed emissions same
						as for storage tank above
						Assumed emissions same as for storage tank above
				L	<u> </u>	

ADEQ

Arkansas Department of Environmental Quality

AIR DIVISION

REGISTRATION FOR FACILITIES

REGULATION 18.315

March 2009

REGISTRATION FORM

AFIN 73-00089	1742				DATE	12/21/09	
FACILITY PHYSIC	CAL LOCA	TION	······································				
Facility Name	Eaton Corp	poration					
Physical Address or Location	400 Lincol	n Avenue					7
Physical City	Searcy						
Physical Zip	72143						
UTM Zone	140	UTM Westing (nearest meter)	385083.0)3	UTM North (nearest me		
NAICS Code		NAICS Description		332912 Fluid Power Valve and Hose Fitting Manufacturing		nd	
FACILITY AIR CO	ONTACT						
Contact First Name		Kevin					
Contact Last Name		Caldwell					
Contact Position	EHS Manager						
Contact Mailing Add	400 Lincoln Avenue						
Contact Mailing City	,	Searcy					
Contact Mailing Stat	e	AR		Contact Mail		72143	
Contact Phone #		501-279-2197	Contact FA		X	501-279-2297	
Contact Email Addre	ess	kevinpcaldwell@eaton.com					
INVOICE MAILIN	G ADDRES	SS					
Organization Name	Eaton Corporation						
Invoice Contact First	Kevin						
Invoice Contact Last	Caldwell						
Mailing Address	400 Lincoln Avenue						
Invoice Mailing State	e	AR	Invoice Ma		iling Zip	72143	
Invoice Contact Phon	501-297-2197		Invoice Co	ntact FAX	501-279-2297		

1.	Organization Status of App	licant						
Ple	ase check the box which appropri	ately des	cribes the legal or	gani	zation of the applic	ant.		
	Solely Owned Proprietorship		Corporation	×	Limited Partnership			
	General Partnership		OTHER:		Please Specify:			
2.	If the applicant is a corporation (chartered outside of Arkansa				·	ion or a foreign		
3.	If the applicant is a corporation State? Yes ⊠ No □	on, is it c	urrently registere	d to c	lo business with the	e Arkansas Secr	etary	of
4.	Registration Information							
	New Facility		Existing	Facil	ity 🛛	<u> </u>		7

5. Attach a brief description of the facility, processes and sources of air pollution emissions.

List Current Permit No.

List Current Registration No.

The Eaton Searcy facility is a 290k square foot manufacturing facility that manufactures Industrial & Mobile Valves and Filters. Some of our processes include paint boot operations, plating operations and hot and cold blackening operations.

The permit will be voided with this registration.

6. What are the estimated total actual emissions from this facility?

Existing Facility with an Air Permit

Modification of Current Registration

Pollutant	Tons/year
PM	1.7
PM ₁₀	1.7
SO ₂	0.01
voc	17.2
СО	1.1
NO _X	1.3
Single HAP*	1.7
Combination HAP*	2.9
Air Contaminants**	3.4

HAP* - Hazardous Air Pollutant

7. Attach an explanation of how the emissions estimate was determined e.g. AP-42, test information, etc.

Actual emissions were determined by using a combination of USEPA AP-42 emission factors and material balance based on MSDS for materials used.

8. Has a Disclosure Statement been submitted to the Department previously? Yes No (If no, please attach a disclosure statement)

^{**}Cannot exceed 25 tons per year

9.	Do you wish to be added the Air Permits Newsletter email list? Yes No I If yes, list the email address(es) you wish to use: (or you can email us at AirPermits@adeq.state.ar.us with "subscribe" (no quotation marks) in the subject box.

10. The registration requires an annual fee of \$200. The Department will send an invoice when the annual fee is due. Submit this Registration to:

Arkansas Department of Environmental Quality Air Permitting Section 5301 Northshore Drive North Little Rock, AR 72118

CERTIFICATION OF APPLICATION

"Responsible Official" means one of the following:

- 1) For a corporation: a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit and either:
 - A) the facilities employ more than 250 persons or have gross annual sales or expenditures exceeding \$25 million (in second quarter 1990 dollars); or
 - B) the delegation of authority to such representative is approved in advance by the permitting authority.
- 2) For a partnership or sole proprietorship: a general partner or the proprietor, respectively;
- For a municipality, State, Federal, or other public agency: either a principal executive officer or ranking elected official. For the purposes of this part, a principal executive officer of a Federal agency includes the chief executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., a Regional Administrator of EPA).

I certify under penalty of law that this application and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Daniel Hilgenkamp

Plant Manager

Typed/printed name of responsible official

Title

Signature of responsible official

Date