ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
COMPLIANCE AND SYSTEMS MANAGEMENT SECTION
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

RECEIVED
MAY 03 2007
AIR ENFORCEMENT BRANCH
REGION 5

CAAPP ANNUAL COMPLIANCE CERTIFICATION	FOR AGENCY USE ONLY ID NUMBER: PERMIT #: DATE:

THE CLEAN AIR ACT PERMIT PROGRAM (CAAPP) REQUIRES THAT EACH CAAPP PERMIT HOLDER SUBMIT AN ANNUAL COMPLIANCE CERTIFICATION FOR ALL EMISSION UNITS AT THE SOURCE AS REQUIRED BY 40 CFR 70.6 (c) (5), 39.5 (7) (p) (v) OF THE ENVIRONMENTAL PROTECTION ACT AND CAAPP PERMIT CONDITION 9.8. THE COMPLIANCE CERTIFICATION REPORTING PERIOD IS JANUARY 1 TO DECEMBER 31 AND IS DUE ON OR BEFORE MAY 1 FOR THE PRECEDING CALENDAR YEAR. THIS CERTIFICATION FORM CAN BE USED BY FACILITIES TO SATISFY THIS REQUIREMENT.

SOURCE INFORMATION

1) SOURCE NAME: Caterpillar Inc.		
2) SOURCE ADDRESS: 2200 Channahon Rd.		
3) CITY: Joliet	4) COUNTY: Will	
5) TOWNSHIP: Joliet	6) STATE: IL	7) ZIP CODE: 60436
8) DATE FORM PREPARED: 04/27/06	9) SOURCE ID NO. : 197809AAC	
10) CAAPP PERMIT NO.: 95120095		
11) CALENDAR YEAR OR REPORTING PERIOD COVERED BY THIS REPORT: 2006		

SOURCE COMPLIANCE INFORMATION

12) CHECK EITHER (a) OR (b) BELOW:

(a) X During the entire reporting period, this source was in **continuous** compliance with ALL terms and conditions contained in its CAAPP permit. The method used to determine compliance for each term and condition is the method specified in the permit.

(b) _____ With the exception of the items identified in Table 1 and Table 2, this source was in **continuous** compliance with all terms and conditions contained in the permit. The method used to determine compliance for each term and condition is the method specified in the permit, unless otherwise indicated.

NOTE: Table 1 must be completed for all units and activities regardless of compliance status. Table 2 must be completed for all sources of intermittent or continuous noncompliance with any permit condition.

ATTACHMENTS

13) Are you submitting any attachments with this report? Yes ☒ No ☐

If yes, please list the attachments below:

HVOF Process - Construction Permit Information.

COMPLIANCE CERTIFICATION REPORT MAILING

14) In addition to submitting the Compliance Certification report to the Compliance and Systems Management Section (CASM), a copy of the Compliance Certification report must also be submitted to the USEPA Region 5 and the appropriate IEPA regional field office. Addresses are listed in condition 8.6 of your CAAPP permit.

Please check the appropriate boxes.

A copy of the Compliance Certification report has been submitted to USEPA.

Yes ☒ No ☐

A copy of the Compliance Certification report has been submitted to the appropriate IEPA regional field office.

Yes ☒ No ☐

SOURCE CONTACT PERSON

15) NAME OF TECHNICAL CONTACT PERSON FOR THIS REPORT: Bruce H. Gilruth

16) TECHNICAL CONTACT PERSON TITLE:	17) CONTACT PERSON'S TELEPHONE NUMBER:
Environmental Coordinator	(815) 729-6730

COMPLIANCE STATEMENT AND SIGNATURE BLOCK

NOTE: A RESPONSIBLE OFFICIAL MUST SIGN THIS COMPLIANCE CERTIFICATION. UNSIGNED COMPLIANCE CERTIFICATIONS WILL BE RETURNED AS INCOMPLETE.

18) I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or 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.

AUTHORIZED SIGNATURE:

BY: _____ AUTHORIZED SIGNATURE

H&HS General Manager — TITLE OF SIGNATORY

Kevin V. Cato — TYPED OR PRINTED NAME OF SIGNATORY

04 / 27 / 2007 — DATE

Printed on Recycled Paper
401-CAAPP

Table 1. Listing of Compliance Status for Applicable Permit Terms and Conditions

Source Name	Source I. D. Number
Caterpillar Inc. - H. & H. S. Business Unit	197809AAC

(1) Permit Condition Reference Number	(2) Description of Permit Condition	(3) Compliance Status Continuous "C" Intermittent "I" Noncompliance "N"	(4) Compliance Determination Method
3.2.2	Additiion of Insignificant	C	All new processes are reviewed by EHS
5.2.2a	No visible emission - beyond	C	Daily visual inspection.
5.2.2b	No emission exceeding opacity.	C	Daily visual and inspection.
5.2.3	Operate under program.	C	Environmental Program written & Implemented.
5.2.5	Certified Repair.	C	All work is done by certified outside contractors.
5.5.1	Permitted Emission Limits	C	Monthly & Daily recordkeeping.
5.6	Recordkeeping	C	AAER's, Source Records, Paint usage.
6.0	ERMS	C	Annual inspections & audits by IEPA
7.1	MJ6503 Bldg. B Paint Booth	C	MJ6503 Paint Log & Epoch Environmental Database.
7.2	Chrome Plating HX-278 & HX 470	C	Quarterly Inspections, Pressure Drops, log of Amp-hrs.
7.3	Heat Treating Furnaces	C	Gas usage has been determined by max.
7.4	Boilers # 1 - 4	C	Daily log of gas usage; monthly usage amt. from supplier.
7.5	Make-up Air Heaters	C	Gas used is done thru mass balance.
7.6	Gasoline Storage Tank	C	Gasoline use monitored by Inventory and Veeder Root.

Table 2. Deviation Summary Report

Source Name	Source I. D. Number

(1) Permit Condition Reference	(2) Description of Permit Condition	(3) Deviation Period Start Date	(4) Deviation Period End Date	(5) Description and Cause of Deviation	(6) Corrective Action(s) Taken to Remedy Deviatio	(7) Measure(s) Taken to Prevent Future Deviations

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- SOURCE DATA -

SOURCE IDS AND LOCATION

AIRS: 17-197-0136	IEPA USE ONLY	SIC 1: 3531		NAICS 1: 333120	
FINDS: ILD005070537	IEPA USE ONLY	SIC 2:		NAICS 2:	
FEIN: 370602744		SIC 3:		NAICS 3:	
D&B: 005070479		SIC 4:		NAICS 4:	
LATITUDE: 41:29:25.0800		SIC 5:		NAICS 5:	
LONGITUDE: 88:07:59.1600		SIC 6:		NAICS 6:	

SOURCE ADDRESS

Caterpillar Inc

2200 Channahon Rd
Joliet, IL 60436

CONTACT: Bruce H Gilruth

PHONE: 815-729-6730 EXT:
FAX: 815-729-6351
EMAIL: gilruth_bruce_h@cat.com

ANNUAL EMISSION REPORT MAILING ADDRESS

Caterpillar Inc

MSC-B22
PO Box 504
Joliet, IL 60434-0504

CONTACT: Bruce H Gilruth

PHONE: 815-729-6730 EXT:
FAX: 815-729-6351
E-MAIL: gilruth_bruce_h@cat.com

I certify under penalty of law that this document 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 directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

AUTHORIZED SIGNATURE

04/27/2007
DATE

Kevin V. Cato, General Manager
TYPED OR PRINTED NAME AND TITLE

815-729-6730
TELEPHONE NUMBER

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- ANNUAL SOURCE EMISSIONS -

POLLUTANT CODE	ALLOWABLE EMISSIONS (TONS/YEAR)	EMISSIONS REPORTED FOR 2005 (TONS/YEAR)	IEPA 2006 ESTIMATED EMISSIONS (TONS/YEAR)	SOURCE REPORTED EMISSIONS FOR 2006 (TONS/YEAR)
ACETONE	48.720000	14.330000	2.646000	27.7939
CO	68.023508	20.766300	31.500791	21.0517
CR	0.011004	0.005800	0.007969	0.0061
CR6	0.011004	0.005800	0.007969	0.0061
LEAD	0.000097	0.000000	0.000021	Ø
MEK		0.000000		Ø
NH3	1.339405	0.791700	0.490912	0.6136
NOX	433.870000	65.811900	103.052696	65.4410
PART	16.386461	2.405100	4.986407	2.5040
PM10	9.273325	2.405100	4.837577	2.5040
PM2.5	6.327619	2.405100	3.111382	2.5040
SO2	6.062295	0.148400	0.995515	0.1507
VOM	130.110860	42.294700	45.405611	43.7847
XYLENE	18.480000	9.060000	10.348800	5.2120

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PERMIT LISTING -

PERMIT NUMBER	TYPE OF PERMIT	OPERATION NAME	STATUS	STATUS DATE	EXPIRES
01030054	CONSTRUCTION	ROLLER HEARTH HEAT TREATING SYSTEM	GRANTED	04-17-2001	
03090061	CONSTRUCTION	ENDOTHERMIC GAS GENERATOR	GRANTED	02-20-2004	
05060063	JOINT	HVOF SPRAY FACILITY	GRANTED	08-10-2005	
06110037	CONSTRUCTION	Two Paint Booths			
93040024	CONSTRUCTION	CLEANING FURNACE	GRANTED	06-17-1993	
93050029	CONSTRUCTION	INCORPORATED INTO 81030007	GRANTED	05-18-1993	
95120095	TITLE V	HVY OFF-HIGHWAY EQUIP. & HYDRAULIC COMPONENT MANUF	GRANTED	06-30-2006	06-16-2009
96010110	CONSTRUCTION	PAINT BOOTHS MJ650L & MJ6503 AIR MAKE-UP HEATERS	GRANTED	05-16-1996	
96100042	CONSTRUCTION	MODIFY HX278 FUME SCRUBBER(S)	GRANTED	12-18-1996	
99070064	CONSTRUCTION	BOILERS 2 AND 3	GRANTED	02-16-2000	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0004 - Boiler #2

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200601

MODE 01 - Natural gas

DESCRIPTION CORRECTION:

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

PERCENT THROUGHPUTS: DEC - FEB: 22.04 % 40.75 MAR - MAY: 30.34 % 20.01
JUN - AUG: 11.00 % 5.97 SEP - NOV: 36.62 % 33.28

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 112.6

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%): 0.00

ASH CONTENT (%): 0.00

NITROGEN CONTENT (%): 0.00

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	24.0	HOURS/DAY:	24.0	24.0
DAYS/WEEK:	7.0	5.0	DAYS/WEEK:	7.0	7.0
WEEKS/YEAR:	18	33.0	WEEKS/SEASON:	3	2
HOURS/YEAR:	3,096	3960	HOURS/SEASON:	528	336
			START TIME:		
			END TIME:		
RATE/HR:	0.0380	0.0318	RATE/HR:	0.0249	0.0224
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0004 - Boiler #2

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200601

MODE 01 - Natural gas

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84	84		3.864	3.1935	2.6715
NH3		3			3.2			.1217	0.1018
NOX	3	3		280	280		12.88	10.6449	8.9050
PART	3	3		7.6	7.6		.3496	.2889	0.2417
PM10	3	3		7.6	7.6		.3496	.2889	0.2417
PM2.5	3	3		7.6	7.6		.3496	.2889	0.2417
SO2	3	3		.6	.6		.0276	.0228	0.0191
VOM	3	3			5.5		.185	.2091	0.1749

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		280	280		6.9783	6.9783	6.7331
VOM	3	3		5.5	5.5		.1371	.1371	0.1323

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0003 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0004 - Boiler #2

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200501

MODE 02 - Fuel oil

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 80.00 % Ø MAR - MAY: 10.00 % Ø
JUN - AUG: 0.00 % Ø SEP - NOV: 10.00 % Ø

BEGAN OPERATION: 11 / 1972

CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2

INPUT (MMBTU/HR): 112.6

HEAT CONTENT: 140000 Btu/gal

SULFUR CONTENT (%): 0.28

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	0.0	Ø	HOURS/DAY:	0.0	Ø
DAYS/WEEK:	0.0	Ø	DAYS/WEEK:	0.0	Ø
WEEKS/YEAR:	0	Ø	WEEKS/SEASON:	0	Ø
HOURS/YEAR:	0	Ø	HOURS/SEASON:	0	Ø
			START TIME:		
			END TIME:		
RATE/HR:	0.0000	Ø	RATE/HR:	0.0000	Ø
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0004 - Boiler #2

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200501

MODE 02 - Fuel oil

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	6		5			1.8	0	Ø
LEAD	3	6		.00125	.00125		.00045	0	Ø
NH3	3	6		.8			.288	0	Ø
NOX	3	6		24			2.592	0	Ø
PART	3	6		3.3			1.188	0	Ø
PM10	3	6		2.3			.828	0	Ø
PM2.5	3	6		.25			.09	0	Ø
SO2	3	6		142			14.3136	0	Ø
VOM	3	6		.2			.072	0	Ø

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	6	6					0	0	Ø
VOM	6	6					0	0	Ø

CAPTURING CONTROLS:

CONTROL 0033 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0005 - Boiler #3

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200601

MODE 01 - Natural gas

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 40.77 % 38.72 MAR - MAY: 22.46 % 24.99
JUN - AUG: 14.73 % 13.21 SEP - NOV: 22.04 % 23.07

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 175

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%): 0.00

ASH CONTENT (%): 0.00

NITROGEN CONTENT (%): 0.00

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	24.0	HOURS/DAY:	24.0	24.0
DAYS/WEEK:	7.0	7.0	DAYS/WEEK:	7.0	7.0
WEEKS/YEAR:	40	39	WEEKS/SEASON:	10	9.57
HOURS/YEAR:	6,744	6552	HOURS/SEASON:	1,680	1608
			START TIME:		
			END TIME:		
RATE/HR:	0.0425	0.0476	RATE/HR:	0.0235	0.0257
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0005 - Boiler #3

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200601

MODE 01 - Natural gas

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84	84		4.8552	3.5682	4.0003
NH3		3			3.2			.1359	0.1523
NOX	3	3		280	280		16.184	11.894	13.3343
PART	3	3		7.6	7.6		.43928	.3228	0.3619
PM10	3	3		7.6	7.6		.43928	.3228	0.3619
PM2.5	3	3		7.6	7.6		.43928	.3228	0.3619
SO2	3	3		.6	.6		.03468	.0255	0.0286
VOM	3	3			5.5		.29	.2336	0.2619

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		280	280		6.5822	6.5822	7.5252
VOM	3	3		5.5	5.5		.1293	.1293	0.1478

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0004

CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0005 - Boiler #3

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200501

MODE 02 - Fuel oil

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 80.00 % Ø MAR - MAY: 10.00 % Ø
JUN - AUG: 0.00 % Ø SEP - NOV: 10.00 % Ø

BEGAN OPERATION: 04 / 1973
CEASED OPERATION: /

FUEL TYPE: 21 DISTILLATE OIL #2

INPUT (MMBTU/HR): 119.9

HEAT CONTENT: 140000 Btu/gal
SULFUR CONTENT (%): 0.28
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	0.0	Ø	HOURS/DAY:	0.0	Ø
DAYS/WEEK:	0.0	Ø	DAYS/WEEK:	0.0	Ø
WEEKS/YEAR:	0	Ø	WEEKS/SEASON:	0	Ø
HOURS/YEAR:	0	Ø	HOURS/SEASON:	0	Ø
			START TIME:		
			END TIME:		
RATE/HR:	0.0000	Ø	RATE/HR:	0.0000	Ø
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0005 - Boiler #3

PERMIT: 95120095

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

SCC: 10200501

MODE 02 - Fuel oil

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	3	6		5		1.8	0 Ø
LEAD	3	6		.00125		.00045	0 Ø
NH3	3	6		.8		.288	0 Ø
NOX	3	6		24		2.592	0 Ø
PART	3	6		3.3		1.188	0 Ø
PM10	3	6		2.3		.828	0 Ø
PM2.5	3	6		.25		.09	0 Ø
SO2	3	6		142		14.3136	0 Ø
VOM	3	6		.2		.072	0 Ø

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
NOX	6	6				0	0 Ø
VOM	6	6				0	0 Ø

CAPTURING CONTROLS:

CONTROL 0035 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0037 - 2 Hardening/temper furnaces (MJ8886 and MJ8888)

PERMIT: 95120095

BEGAN OPERATION: 03 / 1989

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

DESCRIPTION CORRECTION:

BEGAN OPERATION: 03 / 1989

CEASED OPERATION: /

PERCENT THROUGHPUTS: DEC - FEB: 23.00 % MAR - MAY: 27.00 %
JUN - AUG: 23.00 % SEP - NOV: 27.00 %

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 5.1

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%): 0.00

ASH CONTENT (%): 0.00

NITROGEN CONTENT (%): 0.00

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0		HOURS/DAY:	24.0	
DAYS/WEEK:	7.0		DAYS/WEEK:	7.0	
WEEKS/YEAR:	49		WEEKS/SEASON:	12	
HOURS/YEAR:	8,232		HOURS/SEASON:	2,016	
			START TIME:		
			END TIME:		
RATE/HR:	0.0008	0.0014	RATE/HR:	0.0008	0.0014
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0037 - 2 Hardening/temper furnaces (MJ8886 and MJ8888)

PERMIT: 95120095

BEGAN OPERATION: 03 / 1989

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84	84		.1176	.0954	0.1202
NH3	3	3		3.2	3.2		.00448	.0036	0.0046
NOX	3	3		100	100		.14	.1135	0.1431
PART	3	3		7.6	7.6		.01064	.0086	0.0109
PM10	3	3		7.6	7.6		.01064	.0086	0.0109
PM2.5	3	3		7.6	7.6		.01064	.0086	0.0109
SO2	3	3		.6	.6		.00084	.0007	0.0009
VOM	3	3		5.5	5.5		.0077	.0062	0.0079

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		100	100		.1135	.1135	0.1431
VOM	3	3		5.5	5.5		.0062	.0062	0.0079

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0031

CAPTURE EFFICIENCY: 100.00 %

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0044 - Air make-up heater (paint booth MJ6503)

PERMIT: 95120095

BEGAN OPERATION: 07 / 1993
CEASED OPERATION: /

SCC: 10200602

MODE 01 -

DESCRIPTION CORRECTION: There is no Air Make Up Heater for the Paint Booth

BEGAN OPERATION: 07 / 1993
CEASED OPERATION: /

PERCENT THROUGHPUTS: DEC - FEB: %_____ MAR - MAY: %_____
JUN - AUG: %_____ SEP - NOV: %_____

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 26.8

HEAT CONTENT: 1016 Btu/ft3
SULFUR CONTENT (%): 0.00
ASH CONTENT (%): 0.00
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:		HOURS/DAY:	
DAYS/WEEK:		DAYS/WEEK:	
WEEKS/YEAR:		WEEKS/SEASON:	
HOURS/YEAR:		HOURS/SEASON:	
		START TIME:	
		END TIME:	
RATE/HR:		RATE/HR:	
CONFIDENTIAL:		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0044 - Air make-up heater (paint booth MJ6503)

PERMIT: 95120095

BEGAN OPERATION: 07 / 1993

CEASED OPERATION: /

SCC: 10200602

MODE 01 -

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	3				1	
NH3	3		3.2		.08576	
NOX	3		100		2.68	
PART	3		7.6		.20368	
PM10	3		7.6		.20368	
PM2.5	3		7.6		.20368	
SO2	3		.6		.01608	
VOM	3		5.5		.1474	

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0051 CAPTURE EFFICIENCY: 100.00 %

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0049 - Boiler #4

PERMIT: 95120095

BEGAN OPERATION: 11 / 1972

CEASED OPERATION: /

SCC: 10200601

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 98.52 % Ø MAR - MAY: 1.48 % Ø
JUN - AUG: 0.00 % Ø SEP - NOV: 0.00 % Ø

BEGAN OPERATION: 11 / 1972
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 137

HEAT CONTENT: 1016 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	0.0	Ø	HOURS/DAY:	0.0	Ø
DAYS/WEEK:	0.0	Ø	DAYS/WEEK:	0.0	Ø
WEEKS/YEAR:	0	Ø	WEEKS/SEASON:	0	Ø
HOURS/YEAR:	0	Ø	HOURS/SEASON:	0	Ø
			START TIME:		
			END TIME:		
RATE/HR:	0.0000	Ø	RATE/HR:	0.0000	Ø
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0049 - Boiler #4

PERMIT: 95120095

BEGAN OPERATION: 11 / 1972

CEASED OPERATION: /

SCC: 10200601

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CO	3	3	84	84	2.52	0 Ø
NH3	3	3	3.2	3.2	.096	0 Ø
NOX	3	3	280	139.1	8.4	0 Ø
PART	3	3	7.6	7.6	.228	0 Ø
PM10	3	3	7.6	7.6	.228	0 Ø
PM2.5	3	3	7.6	7.6	.228	0 Ø
SO2	3	3	.6	.6	.018	0 Ø
VOM	3	3	5.5	5.5	.165	0 Ø

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
NOX	3	3	139.1	139.1	0	0 Ø
VOM	3	3	5.5	5.5	0	0 Ø

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0029

CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0050 - ~~4~~ 3 Make-up air heaters (AH1-AH4)

PERMIT: 95120095

BEGAN OPERATION: 09 / 1993

CEASED OPERATION: /

SCC: 10500106

MODE 01 -

DESCRIPTION CORRECTION: THIS is (3) MAKE-up Air heaters (gas fired)

PERCENT THROUGHPUTS: DEC - FEB: 50.00 % MAR - MAY: 35.00 %
JUN - AUG: 0.00 % SEP - NOV: 15.00 %

BEGAN OPERATION: 09 / 1993

CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 18

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%):

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	HOURS/DAY:	0.0	Ø
DAYS/WEEK:	7.0	DAYS/WEEK:	0.0	Ø
WEEKS/YEAR:	36	WEEKS/SEASON:	0	Ø
HOURS/YEAR:	5,880	HOURS/SEASON:	0	Ø
		START TIME:		
		END TIME:		
RATE/HR:	0.0001	RATE/HR:	0.0000	Ø
CONFIDENTIAL:	N	CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0050 - ~~4~~ 3 Make-up air heaters (AH1-AH4)

PERMIT: 95120095

BEGAN OPERATION: 09 / 1993

CEASED OPERATION: /

SCC: 10500106

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		20	84		.34	.0046	0.0046
NH3	3	3		.49	3.2		.00833	.0002	0.0002
NOX	3	3		100	100		1.7	.0055	0.0055
PART	3	3		3	7.6		.051	.0004	0.0004
PM10	3	3		3	7.6		.051	.0004	0.0004
PM2.5		3			7.6			.0004	0.0004
SO2	3	3		.6	.6		.0102	0	0
VOM	3	3		5.3	5.5		.0901	.0003	0.0003

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		100	100		.0055	.0055	0
VOM	3	3		5.5	5.5		.0003	.0003	0

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0042 CAPTURE EFFICIENCY: 100.00 %

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197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0008 - 2 Hardening/temper furnaces (MJ8859 and MJ8861)

PERMIT: 95120095

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 23.00 % MAR - MAY: 27.00 %
JUN - AUG: 23.00 % SEP - NOV: 27.00 %

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 5.4

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%): 0.00

ASH CONTENT (%): 0.00

NITROGEN CONTENT (%): 0.00

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0		HOURS/DAY:	24.0	
DAYS/WEEK:	7.0		DAYS/WEEK:	7.0	
WEEKS/YEAR:	49		WEEKS/SEASON:	12	
HOURS/YEAR:	8,232		HOURS/SEASON:	2,016	
			START TIME:	07:00	
			END TIME:	23:00	
RATE/HR:	0.0011	0.0014	RATE/HR:	0.0011	0.0014
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0008 - 2 Hardening/temper furnaces (MJ8859 and MJ8861)

PERMIT: 95120095

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84	84		.1176	.0954	0.1202
NH3	3	3		3.2	3.2		.00448	.0036	0.0046
NOX	3	3		100	100		.14	.1135	0.1431
PART	3	3		7.6	7.6		.01064	.0086	0.0109
PM10	3	3		7.6	7.6		.01064	.0086	0.0109
PM2.5	3	3		7.6	7.6		.01064	.0086	0.0109
SO2	3	3		.6	.6		.00084	.0007	0.0009
VOM	3	3		5.5	5.5		.0077	.0062	0.0079

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		100	100		.1135	.1135	0.1431
VOM	3	3		5.5	5.5		.0062	.0062	0.0079

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0028

CAPTURE EFFICIENCY: 100.00 %

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0054 - 2 Hardening/temper furnaces (MJ8889 and MJ8891)

PERMIT: 95120095

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 23.00 % MAR - MAY: 27.00 %
JUN - AUG: 23.00 % SEP - NOV: 27.00 %

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 15.7

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%):

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0		HOURS/DAY:	24.0	
DAYS/WEEK:	7.0		DAYS/WEEK:	7.0	
WEEKS/YEAR:	49		WEEKS/SEASON:	12	
HOURS/YEAR:	8,232		HOURS/SEASON:	2,016	
			START TIME:		
			END TIME:		
RATE/HR:	0.0011	0.0014	RATE/HR:	0.0011	0.0014
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0054 - 2 Hardening/temper furnaces (MJ8889 and MJ8891)

PERMIT: 95120095

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

DESCRIPTION CORRECTION:

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

PERCENT THROUGHPUTS: DEC - FEB: 23.00 % MAR - MAY: 27.00 %
JUN - AUG: 23.00 % SEP - NOV: 27.00 %

FUEL TYPE: 1 NATURAL GAS

INPUT (MMBTU/HR): 15.7

HEAT CONTENT: 1016 Btu/ft3

SULFUR CONTENT (%):

ASH CONTENT (%):

NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24.0	HOURS/DAY:	24.0
DAYS/WEEK:	7.0	DAYS/WEEK:	7.0
WEEKS/YEAR:	49	WEEKS/SEASON:	12
HOURS/YEAR:	8,232	HOURS/SEASON:	2,016
		START TIME:	
		END TIME:	
RATE/HR:	0.0011	RATE/HR:	0.0011
CONFIDENTIAL:	N	CONFIDENTIAL:	N

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197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0054 - 2 Hardening/temper furnaces (MJ8889 and MJ8891)

PERMIT: 95120095

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

SCC: 30990003

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84	84		.1176	.0954	0.1202
NH3	3	3		3.2	3.2		.00448	.0036	0.0046
NOX	3	3		100	100		.14	.1135	0.1431
PART	3	3		7.6	7.6		.01064	.0086	0.0109
PM10	3	3		7.6	7.6		.01064	.0086	0.0109
PM2.5	3	3		7.6	7.6		.01064	.0086	0.0109
SO2	3	3		.6	.6		.00084	.0007	0.0009
VOM	3	3		5.5	5.5		.0077	.0062	0.0079

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		100	100		.1135	.1135	0.1431
VOM	3	3		5.5	5.5		.0062	.0062	0.0079

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0044 CAPTURE EFFICIENCY: 100.00 %

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0048 - Boiler #1

PERMIT: 95120095

BEGAN OPERATION: 11 / 1972
CEASED OPERATION: /

SCC: 10200601

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 74.01 % 27.58 MAR - MAY: 25.99 % 0
JUN - AUG: 0.00 % 72.42 SEP - NOV: 0.00 % 0

BEGAN OPERATION: 11 / 1972
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 110

HEAT CONTENT: 1016 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	24.0	HOURS/DAY:	0.0	24.0
DAYS/WEEK:	5.0	7.0	DAYS/WEEK:	0.0	7.0
WEEKS/YEAR:	13	2.286	WEEKS/SEASON:	0	2.286
HOURS/YEAR:	1,608	384	HOURS/SEASON:	0	384
			START TIME:		
			END TIME:		
RATE/HR:	0.0325	0.0274	RATE/HR:	0.0000	0.0274
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

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197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0048 - Boiler #1

PERMIT: 95120095

BEGAN OPERATION: 11 / 1972

CEASED OPERATION: /

SCC: 10200601

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		84	84		2.7468	2.7269	2.2980
NH3	3	3		3.2	3.2		.10464	.1039	0.0878
NOX	3	3		280	280		9.156	9.0897	7.6599
PART	3	3		7.6	7.6		.24852	.2467	0.2079
PM10	3	3		7.6	7.6		.24852	.2467	0.2079
PM2.5	3	3		7.6	7.6		.24852	.2467	0.2079
SO2	3	3		.6	.6		.01962	.0195	0.0164
VOM	3	3		5.5	5.5		.17985	.1785	0.1505

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		280	280		0	0	7.6599
VOM	3	3		5.5	5.5		0	0	0.1505

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0016 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

7809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

Does Not Exist

POINT 0061 - ~~Washers air make-up heater (paint booth M76503)~~

PERMIT: 95120095

BEGAN OPERATION: / _____

CEASED OPERATION: / _____

SCC: 10200603

MODE 01 -

DESCRIPTION CORRECTION:
THIS INSTALLATION DOES NOT EXIST

PERCENT THROUGHPUTS: DEC - FEB: %_____ MAR - MAY: %_____
JUN - AUG: %_____ SEP - NOV: %_____

BEGAN OPERATION: / _____

CEASED OPERATION: / _____

FUEL TYPE: 1 NATURAL GAS _____

INPUT (MMBTU/HR): 8.9 _____

HEAT CONTENT: 1000 Btu/ft3 _____

SULFUR CONTENT (%): _____

ASH CONTENT (%): _____

NITROGEN CONTENT (%): _____

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:		HOURS/DAY:	
DAYS/WEEK:		DAYS/WEEK:	
WEEKS/YEAR:		WEEKS/SEASON:	
HOURS/YEAR:		HOURS/SEASON:	
		START TIME:	
		END TIME:	
RATE/HR:		RATE/HR:	
CONFIDENTIAL:		CONFIDENTIAL:	

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97809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0061 - Washers air make-up heater (paint booth MJ6503) PERMIT: 95120095

BEGAN OPERATION: / _____ SCC: 10200603

CEASED OPERATION: / _____

MODE 01 -

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	EMISSION RATE (LB/HR) IEPA	REPORTED
CO	3				.2	
NH3	3		3.2		.02848	
NOX	3		100		.89	
PART	3		7.6		.06764	
PM10	3		7.6		.06764	
PM2.5	3		7.6		.06764	
SO2	3		.6		.00534	
VOM	3		5.5		.04895	

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0052 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0062 - Curing oven (paint booth MJ6503) PERMIT: 95120095

BEGAN OPERATION: 08 / 1997 SCC: 40201001
CEASED OPERATION: /

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 24.00 % MAR - MAY: 28.00 %
JUN - AUG: 24.00 % SEP - NOV: 24.00 %

BEGAN OPERATION: 08 / 1997
CEASED OPERATION: /

FUEL TYPE: 1 NATURAL GAS
INPUT (MMBTU/HR): 6.2

HEAT CONTENT: 1016 Btu/ft3
SULFUR CONTENT (%):
ASH CONTENT (%):
NITROGEN CONTENT (%):

UNITS: MILLION CUBIC FEET BURNED

UNITS: MILLION CUBIC FEET BURNED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	16.0	20	HOURS/DAY:	16.0	20
DAYS/WEEK:	6.0	6	DAYS/WEEK:	6.0	6
WEEKS/YEAR:	49	49	WEEKS/SEASON:	12	12
HOURS/YEAR:	4,704	5880	HOURS/SEASON:	1,152	1440
			START TIME:		
			END TIME:		
RATE/HR:	0.0019	0.0019	RATE/HR:	0.0019	0.0019
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

97809AAC - Caterpillar Inc

- FUEL COMBUSTION DATA -

POINT 0062 - Curing oven (paint booth MJ6503) PERMIT: 95120095

BEGAN OPERATION: 08 / 1997 SCC: 40201001

CEASED OPERATION: /

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CO	3	3		21	84		.1302	.1571	0.1584
NH3	3	3		3.2	3.2		.01984	.006	0.0061
NOX	3	3		100	100		.62	.1871	0.1886
PART	3	3		7.6	7.6		.04712	.0142	0.0143
PM10	3	3		7.6	7.6		.04712	.0142	0.0143
SO2	3	3		.6	.6		.00372	.0011	0.0011
VOM	3	3		5.5	5.5		.0341	.0103	0.0104

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED		OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
NOX	3	3		100	100		.1871	.1871	0.1886
VOM	3	3		5.5	5.5		.0103	.0103	0.0104

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0052 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

97809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0003 - Cleanup: Paint Booth MJ6503 PERMIT: 95120095

BEGAN OPERATION: 11 / 1972 _____ SCC: 40200918

CEASED OPERATION: / _____

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 21.00 %_____ MAR - MAY: 28.00 %_____

JUN - AUG: 23.00 %_____ SEP - NOV: 28.00 %_____

BEGAN OPERATION: 11 / 1972 _____

CEASED OPERATION: / _____

UNITS: GALLONS SOLVENT CONSUMED

UNITS: GALLONS SOLVENT CONSUMED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	2.0	2.0	HOURS/DAY:	2.0	2.0
DAYS/WEEK:	6.0	6.0	DAYS/WEEK:	6.0	6.0
WEEKS/YEAR:	49	49	WEEKS/SEASON:	12	12
HOURS/YEAR:	588	588	HOURS/SEASON:	144	144
			START TIME:	07:00	
PWR (LB/HR):	0.0000		END TIME:	23:00	
RATE/HR:	0.0991	23.9456	PWR (LB/HR):	0.0000	
CONFIDENTIAL:	N		RATE/HR:	0.0991	23.9456
			CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

97809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0003 - Cleanup: Paint Booth MJ6503 PERMIT: 95120095

BEGAN OPERATION: 11 / 1972 SCC: 40200918

CEASED OPERATION: /

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
ACETONE	2				9	*157.5619
VOM	2	2			.001	0 Ø

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM	2	2			0	0 Ø

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0002 CAPTURE EFFICIENCY: 100.00 %

*Note this is total usage. The plant Reclaims acetone at approximately 40%. Actual usage is 157.5619 x (1-40%) = 94.5371 lb/hR
OR 27.7939 TPY

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0053 - Small Building B Paint Booth (MJ6503) PERMIT: 95120095

BEGAN OPERATION: 08 / 1976 SCC: 40200101

CEASED OPERATION: /

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 23.00 % MAR - MAY: 28.00 %
JUN - AUG: 21.00 % SEP - NOV: 28.00 %

BEGAN OPERATION: 08 / 1976
CEASED OPERATION: /

UNITS: GALLONS COATING USED

UNITS: GALLONS COATING USED

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	16.0	20.0	HOURS/DAY:	16.0	20.0
DAYS/WEEK:	6.0	6.0	DAYS/WEEK:	6.0	6.0
WEEKS/YEAR:	49	49	WEEKS/SEASON:	12	12
HOURS/YEAR:	4,704	5880	HOURS/SEASON:	1,152	1440
			START TIME:		
PWR (LB/HR):	54.5000	44.29	END TIME:		
			PWR (LB/HR):	66.8000	44.29
RATE/HR:	4.9200	4.00	RATE/HR:	6.0300	4.00
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0053 - Small Building B Paint Booth (MJ6503)

PERMIT: 95120095

BEGAN OPERATION: 08 / 1976

CEASED OPERATION: /

SCC: 40200101

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
MEK		3					0	0
PART	3	2		.11		.0055	.2181	0.1993
PM10	3	2				.0027	.2181	0.1993
VOM	2	2		3.5		17.5	17.23	13.9900
XYLENE	3	3				4.4	3.85	1.7728

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
VOM	2	2				21.1	21.1	14.3850

CAPTURING CONTROLS:

CONTROL 0032 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0057 - HX278 Chrome plating system: Tanks MJ7450 and MJ7451

PERMIT: 95120095

BEGAN OPERATION: 02 / 1981

CEASED OPERATION: /

SCC: 30901018

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % MAR - MAY: 25.00 %
JUN - AUG: 25.00 % SEP - NOV: 25.00 %

BEGAN OPERATION: 02 / 1981

CEASED OPERATION: /

UNITS: 1000 AMP-HOUR

UNITS: 1000 AMP-HOUR

ANNUAL OPERATION			PEAK OZONE SEASON OPERATION		
HOURS/DAY:	24.0	10.0	HOURS/DAY:	24.0	10.0
DAYS/WEEK:	7.0	6.0	DAYS/WEEK:	7.0	6.0
WEEKS/YEAR:	47	50.4167	WEEKS/SEASON:	11	12.0
HOURS/YEAR:	7,896	3025	HOURS/SEASON:	1,848	720
			START TIME:		
PWR (LB/HR):			END TIME:		
			PWR (LB/HR):		
RATE/HR:	26.1349	12.8695	RATE/HR:	26.1349	14.0542
CONFIDENTIAL:	N		CONFIDENTIAL:	N	

DAPC - ANNUAL EMISSIONS REPORT - 2006

97809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0057 - HX278 Chrome plating system: Tanks MJ7450 and MJ7451 PERMIT: 95120095

BEGAN OPERATION: 02 / 1981 _____ SCC: 30901018

CEASED OPERATION: / _____

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
CR	3	3		.017143	* 3.8×10^{-6} gr/dscf	.000448	.0022	0.0011
CR6	3	3		.017143	* 3.8×10^{-6} gr/dscf	.000448	.0022	0.0011
PART	3	3		.03571	* 8.0×10^{-6} gr/dscf	.000933	.0047	0.0023
PM10	3	3		.03571	* 8.0×10^{-6} gr/dscf	.000933	.0047	0.0023

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CONTROL 0034 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

* From CAAPP Permit

DAPC - ANNUAL EMISSIONS REPORT - 2006

97809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0060 - HX470 Chrome plating system: Tanks MJ8968 and MJ8970OMI

PERMIT: 95120095

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

SCC: 30901018

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % 25 MAR - MAY: % 25
JUN - AUG: % 25 SEP - NOV: % 25

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

UNITS: 1000 AMP-HOUR

UNITS: 1000 AMP-HOUR

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24.0	HOURS/DAY:	24.0
DAYS/WEEK:	7.0	DAYS/WEEK:	7.0
WEEKS/YEAR:	48.667	WEEKS/SEASON:	12.0
HOURS/YEAR:	8176	HOURS/SEASON:	2016
		START TIME:	
PWR (LB/HR):		END TIME:	
RATE/HR:	16.7154	PWR (LB/HR):	
CONFIDENTIAL:		RATE/HR:	16.1126
		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0060 - HX470 Chrome plating system: Tanks MJ8968 and MJ8970OMI

PERMIT: 95120095

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

SCC: 30901018

MODE 01 -

POLLUTANT CODE	METHOD IEPA REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
CR	3		.017143	* 3.8 x 10^-6 gr/dscf	.00181	0.0011
CR6	3		.017143	* 3.8 x 10^-6 gr/dscf	.00181	0.0011
PART	3		.03571	* 8.0 x 10^-6 gr/dscf	.003772	0.0023
PM10	3		.03571	* 8.0 x 10^-6 gr/dscf	.003772	0.0023

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CONTROL 0026 CAPTURE EFFICIENCY: 50.00 %

CONTROL 0027 CAPTURE EFFICIENCY: 50.00 %

CAPTURING STACKS:

* From CAAPP Permit

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0060 - HX470 Chrome plating system: Tanks MJ8968 and MJ8970OMI PERMIT: 95120095

BEGAN OPERATION: 07 / 1990 SCC: 30901018
CEASED OPERATION: /

MODE 02 - FUGITIVE EMISSION, ALKALINE CLEAN TANK

DESCRIPTION CORRECTION: There are no fugitive emissions this Tank is scrubbed through the composite mesh pad scrubber.

PERCENT THROUGHPUTS: DEC - FEB: % 25 MAR - MAY: % 25
JUN - AUG: % 25 SEP - NOV: % 25

BEGAN OPERATION: 07 / 1990
CEASED OPERATION: /

UNITS: 1000 AMP-HOUR UNITS: 1000 AMP-HOUR

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:		HOURS/DAY:	
DAYS/WEEK:		DAYS/WEEK:	
WEEKS/YEAR:		WEEKS/SEASON:	
HOURS/YEAR:		HOURS/SEASON:	
		START TIME:	
PWR (LB/HR):		END TIME:	
RATE/HR:		PWR (LB/HR):	
CONFIDENTIAL:		RATE/HR:	
		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0060 - HX470 Chrome plating system: Tanks MJ8968 and MJ8970OMI PERMIT: 95120095

BEGAN OPERATION: 07 / 1990 SCC: 30901018

CEASED OPERATION: /

MODE 02 - FUGITIVE EMISSION, ALKALINE CLEAN TANK

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
PART	4				.07936	
PM10	4				.0396	

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0020 CAPTURE EFFICIENCY: 50.00 %

STACK 0021 CAPTURE EFFICIENCY: 50.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

.97809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0064 - 2 Metal parts coating lines (HVOF System) PERMIT: 95120095

BEGAN OPERATION: 10 /2006 SCC: 40202501

CEASED OPERATION: /

MODE 01 - Coating

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % 33.3 MAR - MAY: % 0

JUN - AUG: % 0 SEP - NOV: % 66.7

BEGAN OPERATION: 10/2006

CEASED OPERATION: /

UNITS: TONS PROCESSED

UNITS: TONS PROCESSED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	8	HOURS/DAY:	Ø
DAYS/WEEK:	5.5	DAYS/WEEK:	Ø
WEEKS/YEAR:	12	WEEKS/SEASON:	Ø
HOURS/YEAR:	528	HOURS/SEASON:	Ø
		START TIME:	
PWR (LB/HR):		END TIME:	
RATE/HR:	0.0020	PWR (LB/HR):	Ø
CONFIDENTIAL:		RATE/HR:	Ø
		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0064 - 2 Metal parts coating lines (HVOF System)

PERMIT: 95120095

BEGAN OPERATION: / _____

CEASED OPERATION: / _____

SCC: 40202501

MODE 01 - Coating

POLLUTANT CODE	METHOD IEPA REP		EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
PART	3		27.5		.55	0.0000
PM10	3				.55	0.0000

POLLUTANT CODE	METHOD IEPA REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED

CAPTURING CONTROLS:

CONTROL 0036 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0064 - 2 Metal parts coating lines (HVOF System)

PERMIT: 95120095

BEGAN OPERATION: 03/2006

CEASED OPERATION: /

SCC: 30990001

MODE 02 - Distillate fuel combustion

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: % Ø MAR - MAY: % Ø
JUN - AUG: % Ø SEP - NOV: % Ø

BEGAN OPERATION: /

CEASED OPERATION: /

UNITS: 1000 GALLONS BURNED

UNITS: 1000 GALLONS BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	Ø	HOURS/DAY:	Ø
DAYS/WEEK:	Ø	DAYS/WEEK:	Ø
WEEKS/YEAR:	Ø	WEEKS/SEASON:	Ø
HOURS/YEAR:	Ø	HOURS/SEASON:	Ø
		START TIME:	
PWR (LB/HR):	Ø	END TIME:	
RATE/HR:	Ø	PWR (LB/HR):	Ø
CONFIDENTIAL:		RATE/HR:	Ø
		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0064 - 2 Metal parts coating lines (HVOF System)

PERMIT: 95120095

BEGAN OPERATION: / _____

CEASED OPERATION: / _____

SCC: 30990001

MODE 02 - Distillate fuel combustion

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	EMISSION RATE (LB/HR) IEPA	REPORTED
CO	3		5		.025	Ø
LEAD	3		.00125		.000006	Ø
NOX	3		20		.1	Ø
PART	3		2		.001	Ø
PM10	3		1.08		.00054	Ø
SO2	3		142		.1988	Ø
VOM	3		.2		.001	Ø

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	REPORTED

CAPTURING CONTROLS:

CONTROL 0036 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0064 - 2 Metal parts coating lines (HVOF System) PERMIT: 95120095

BEGAN OPERATION: 10/2006 SCC: 30990001

CEASED OPERATION: /

MODE ~~02~~ 03 - ~~Distillate fuel~~ Propylene combustion

DESCRIPTION CORRECTION: This installation is permitted to burn both propylene and Kerosene. It is used with propylene at present.

PERCENT THROUGHPUTS: DEC - FEB: % 33.3 MAR - MAY: % Ø

JUN - AUG: % Ø SEP - NOV: % 66.7

BEGAN OPERATION: /

CEASED OPERATION: /

UNITS: ~~1000 GALLONS~~ MMSCF BURNED

UNITS: ~~1000 GALLONS~~ MMSCF BURNED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	8.0	HOURS/DAY:	Ø
DAYS/WEEK:	5.5	DAYS/WEEK:	Ø
WEEKS/YEAR:	12	WEEKS/SEASON:	Ø
HOURS/YEAR:	528	HOURS/SEASON:	Ø
		START TIME:	
PWR (LB/HR):		END TIME:	
RATE/HR:	0.000012	PWR (LB/HR):	Ø
CONFIDENTIAL:		RATE/HR:	Ø
		CONFIDENTIAL:	

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- PROCESS DATA -

POINT 0064 - 2 Metal parts coating lines (HVOF System) PERMIT: 95120095

BEGAN OPERATION: 10/2007 SCC: 30990001

CEASED OPERATION: /

MODE ~~02~~ 03 - ~~Distillate fuel~~ Propylene combustion

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	EMISSION RATE (LB/HR) IEPA	REPORTED
CO	3		5		.025	0.0006
~~LEAD~~	3		.00125		.000006	N/A
NOX	3		20		.1	0.0042
PART	3		2		.001	0.0002
PM10	3		1.08		.00054	0.0002
SO2	3		142		.1988	0.0000
VOM	3		.2		.001	0.0002

POLLUTANT CODE	METHOD IEPA	REP	EMISSION FACTOR IEPA	REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	REPORTED

CAPTURING CONTROLS:

CONTROL 0036 CAPTURE EFFICIENCY: 100.00 %

CAPTURING STACKS:

197809AAC - Caterpillar Inc

- STORAGE TANK DATA -

POINT 0055 - Gasoline storage tank (TT0420)

PERMIT: 95120095

BEGAN OPERATION: 01 / 1987 _____

CEASED OPERATION: / _____

TANK TYPE:

CAPACITY :	10000 gal	_____	TEMPERATURE (F):	60	_____
DIAMETER (FT):	8.0	_____	ROOF COLOR:		_____
HEIGHT (FT):		_____	SHELL COLOR:		_____
LENGTH (FT):	31	_____	ROOF PAINT CONDITION:		_____
VAPOR SPACE (FT):		_____	SHELL PAINT CONDITION:		_____

LOCATION:

SEAL TYPE:

SUPPORT TYPE:

MATERIAL	MWT	VP (psia)	DENSITY	THROUGHPUTS ANNUAL (gallons)	THROUGHPUTS PEAK OZONE (gallons)
UNLEADED GASOLINE	60.00	15.30		19020 23,551	3278 6,071

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STORAGE TANK DATA -

POINT 0055 - Gasoline storage tank (TT0420) PERMIT: 95120095

SCC: 40400401

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % MAR - MAY: 25.00 %
JUN - AUG: 25.00 % SEP - NOV: 25.00 %

BEGAN OPERATION: 01 / 1987
CEASED OPERATION: /

UNITS: 1000 GALLONS STORAGE CAPACITY

UNITS: 1000 GALLONS STORAGE CAPACITY

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24.0	HOURS/DAY:	24.0
DAYS/WEEK:	7.0	DAYS/WEEK:	7.0
WEEKS/YEAR:	50	WEEKS/SEASON:	13
HOURS/YEAR:	8,760	HOURS/SEASON:	2,184
		START TIME:	
		END TIME:	
RATE/HR:	10.0000	RATE/HR:	10.0000
CONFIDENTIAL:	N	CONFIDENTIAL:	N

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STORAGE TANK DATA -

POINT 0055 - Gasoline storage tank (TT0420) PERMIT: 95120095

SCC: 40400401

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED	
VOM	3	3		See Below	.023	.0025	0.0031

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED	
VOM	3	3			.0025	.0025	0.0031

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0047 CAPTURE EFFICIENCY: 100.00 %

from 2003 AAER Book

$$\frac{23,555.1 \times 0.20}{350,750} = 0.0134 \ \text{Ton/YR}$$

$$0.0134 \ \frac{\text{Ton}}{\text{YR}} \times 2000 \ \frac{\text{lb}}{\text{Ton}} \times \frac{1 \ \text{YR}}{8760 \ \text{hR}} = 0.0031 \ \text{lb/hR}$$

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- OTHER SOURCE DATA -

POINT 0063 - Fugitive emissions (cab assembly area and chrome plating system solvent usage) PERMIT: 95120095

BEGAN OPERATION: / _____

CEASED OPERATION: / _____

SCC: 40288801

MODE 01 -

DESCRIPTION CORRECTION:

PERCENT THROUGHPUTS: DEC - FEB: 25.00 % MAR - MAY: 25.00 %
JUN - AUG: 25.00 % SEP - NOV: 25.00 %

BEGAN OPERATION: /

CEASED OPERATION: /

UNITS: TONS PRODUCED

UNITS: TONS PRODUCED

ANNUAL OPERATION		PEAK OZONE SEASON OPERATION	
HOURS/DAY:	24.0	HOURS/DAY:	24.0
DAYS/WEEK:	7.0	DAYS/WEEK:	7.0
WEEKS/YEAR:	52	WEEKS/SEASON:	13
HOURS/YEAR:	8,736	HOURS/SEASON:	2184
		START TIME:	
		END TIME:	
RATE/HR:	0.0001	RATE/HR:	0.0001
CONFIDENTIAL:	N	CONFIDENTIAL:	N

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- OTHER SOURCE DATA -

POINT 0063 - Fugitive emissions (cab assembly area and chrome plating system solvent usage)

PERMIT: 95120095

BEGAN OPERATION: /

CEASED OPERATION: /

SCC: 40288801

MODE 01 -

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	EMISSION RATE (LB/HR) IEPA	EMISSION RATE (LB/HR) REPORTED
VOM	3	3			.437	.0926

POLLUTANT CODE	METHOD IEPA	METHOD REP	EMISSION FACTOR IEPA	EMISSION FACTOR REPORTED	OZONE SEASON EMISSION RATE (LB/HR) IEPA	OZONE SEASON EMISSION RATE (LB/HR) REPORTED
VOM	3	3			.0926	.0926

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0053 CAPTURE EFFICIENCY: 100.00 %

197809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0026 - Fume scrubber F103-18

PERMIT: 95120095

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

CONTROL CODE: 001

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED	ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED	PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED	PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED
CR	99.000		3					
CR6	99.000		3					
PART	99.000		3					
PM10	99.000		3					

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0020 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0027 - Fume scrubber F103-14

PERMIT: 95120095

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

CONTROL CODE: 001

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED	ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED	PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED	PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED
CR	99.000		3					
CR6	99.000		3					
PART	99.000		3					
PM10	99.000		3					

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0021 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0032 - Scrubber

PERMIT: 95120095

BEGAN OPERATION: 08 / 1976

CEASED OPERATION: /

CONTROL CODE: 001

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED	ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED	PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED	PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED
PART	99.000							
PM10	99.000							

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0043 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0033 - Low NOx burner

PERMIT: 95120095

BEGAN OPERATION: 12 / 1995

CEASED OPERATION: /

CONTROL CODE: 024

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED	ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED	PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED	PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED
NOX	70.000	70.000						

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0003 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

97809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0034 - Hexamaster fume scrubbers #1 and #1 PERMIT: 95120095

BEGAN OPERATION: 08 / 1993 CONTROL CODE: 001

CEASED OPERATION: /

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED		ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED		PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED		PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED	
CR	99.900	98.000		3	3							
CR6	99.900	98.000		3	3							
PART	99.900	98.000		3	3							
PM10	99.900	98.000		3	3							

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0049 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0035 - Low NOx burner PERMIT: 95120095

BEGAN OPERATION: 12 / 1995 CONTROL CODE: 024

CEASED OPERATION: /

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED	ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED	PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED	PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED
NOX	70.000							

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0004 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- CONTROL DEVICE DATA

CONTROL 0036 - Cyclone

PERMIT: 95120095

BEGAN OPERATION: /

CEASED OPERATION: /

CONTROL CODE: 075

DESCRIPTION CORRECTION:

REMOVAL EFFICIENCY

POLLUTANT	ANNUAL OPERATION EFFICIENCY IEPA	ANNUAL OPERATION EFFICIENCY REPORTED	ANNUAL OPERATION METHOD IEPA	ANNUAL OPERATION METHOD REPORTED	PEAK OZONE SEASON OPERATION EFFICIENCY IEPA	PEAK OZONE SEASON OPERATION EFFICIENCY REPORTED	PEAK OZONE SEASON OPERATION METHOD IEPA	PEAK OZONE SEASON OPERATION METHOD REPORTED
PART	90.000							
PM10	90.000							

CAPTURING CONTROLS:

CAPTURING STACKS:

STACK 0054 CAPTURE EFFICIENCY: 100.00 %

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0002 - Down draft water wash from MJ-6503

BEGAN OPERATION: /

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		4.00			
HEIGHT (FT):		33			
FLOW RATE (ACFM):	IEPA -	27500	REPORTED -	27500	
TEMPERATURE (F):	IEPA -	70	REPORTED -	70	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800			
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600			
DATUM :		NAD27			
SCALE :		12000			
METHOD:		019			
ACCURACY :		20			

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0003 - Boiler #2

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		4.00			
HEIGHT (FT):		78			
FLOW RATE (ACFM):	IEPA -	30500	REPORTED -	41066	
TEMPERATURE (F):	IEPA -	400	REPORTED -	400	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800			
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600			
DATUM :		NAD27			
SCALE :		12000			
METHOD:		019			
ACCURACY :		20			

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0004 - Boiler #3

BEGAN OPERATION: 04 / 1973

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		4.00		
HEIGHT (FT):		76		
FLOW RATE (ACFM):	IEPA -	29000	REPORTED -	60727
TEMPERATURE (F):	IEPA -	400	REPORTED -	400
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0016 - Boiler #1

BEGAN OPERATION: 11 / 1972

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		4.00		
HEIGHT (FT):		78		
FLOW RATE (ACFM):	IEPA -	42800	REPORTED -	57535
TEMPERATURE (F):	IEPA -	400	REPORTED -	450
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0020 - HX470 Chromie plating system

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.83		
HEIGHT (FT):		54		
FLOW RATE (ACFM):	IEPA -	14727	REPORTED -	
TEMPERATURE (F):	IEPA -	65	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0021 - HX470 Chromie plating system

BEGAN OPERATION: 07 / 1990

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.83		
HEIGHT (FT):		54		
FLOW RATE (ACFM):	IEPA -	13005	REPORTED -	
TEMPERATURE (F):	IEPA -	65	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		
WHERE MEASURED :	Eastern Side of Building B			

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0028 - Furnaces MJ8859 and MJ8861

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.00		
HEIGHT (FT):		50		
FLOW RATE (ACFM):	IEPA -	4240	REPORTED -	4240
TEMPERATURE (F):	IEPA -	550	REPORTED -	550
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0029 - Boiler #4

BEGAN OPERATION: 11 / 1972

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		4.00		
HEIGHT (FT):		78		
FLOW RATE (ACFM):	IEPA -	45500	REPORTED -	57535
TEMPERATURE (F):	IEPA -	400	REPORTED -	450
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0031 - Furnaces MJ8889 and MJ88891

BEGAN OPERATION: /

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		1.70		
HEIGHT (FT):		30		
FLOW RATE (ACFM):	IEPA -	97	REPORTED -	
TEMPERATURE (F):	IEPA -	315	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0042 - Discharges indoors

BEGAN OPERATION: 09 / 1993

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		1.40		
HEIGHT (FT):		20		
FLOW RATE (ACFM):	IEPA -	8000	REPORTED -	2
TEMPERATURE (F):	IEPA -	341	REPORTED -	69
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0043 - MJ6503 paint booth

BEGAN OPERATION: 08 / 1976

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		3.70		
HEIGHT (FT):		57		
FLOW RATE (ACFM):	IEPA -	26500	REPORTED -	
TEMPERATURE (F):	IEPA -	70	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0044 - Furnaces MJ8859 and MJ8861

BEGAN OPERATION: 04 / 1990

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.00			
HEIGHT (FT):		50			
FLOW RATE (ACFM):	IEPA -	6500	REPORTED -	6500	
TEMPERATURE (F):	IEPA -	550	REPORTED -	550	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800			
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600			
DATUM :		NAD27			
SCALE :		12000			
METHOD:		019			
ACCURACY :		20			

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0047 - Gasoline storage tank

BEGAN OPERATION: 01 / 1987

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):				
HEIGHT (FT):		30		
FLOW RATE (ACFM):	IEPA -	2	REPORTED -	
TEMPERATURE (F):	IEPA -	69	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0049 - HX278 Chrome plating system

BEGAN OPERATION: 02 / 1981

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.83		
HEIGHT (FT):		31		
FLOW RATE (ACFM):	IEPA -	17500	REPORTED -	
TEMPERATURE (F):	IEPA -	65	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0051 - Created stack

BEGAN OPERATION: /

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.70		
HEIGHT (FT):		50		
FLOW RATE (ACFM):	IEPA -	8859	REPORTED -	
TEMPERATURE (F):	IEPA -	341	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0052 - Created stack

BEGAN OPERATION: /

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.70		
HEIGHT (FT):		50		
FLOW RATE (ACFM):	IEPA -	8859	REPORTED -	
TEMPERATURE (F):	IEPA -	341	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0053 - Cab Assembly area

BEGAN OPERATION: /

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.60		
HEIGHT (FT):		32		
FLOW RATE (ACFM):	IEPA -	349	REPORTED -	
TEMPERATURE (F):	IEPA -	105	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B

DAPC - ANNUAL EMISSIONS REPORT - 2006

197809AAC - Caterpillar Inc

- STACK DATA -

STACK 0054 - HVOF System

BEGAN OPERATION: 10/2007

CEASED OPERATION: /

DESCRIPTION CORRECTION:

DIAMETER (FT):		2.60		
HEIGHT (FT):		35		
FLOW RATE (ACFM):	IEPA -	9998	REPORTED -	
TEMPERATURE (F):	IEPA -	114	REPORTED -	
LATITUDE (DD:MM:SS.SSSS):		41:29:25.0800		
LONGITUDE (DD:MM:SS.SSSS):		88:07:59.1600		
DATUM :		NAD27		
SCALE :		12000		
METHOD:		019		
ACCURACY :		20		

WHERE MEASURED : Eastern Side of Building B