SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

1. COMPANY: 3M

2. STATE: MN

3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5

4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WS/ESP/PT

5. APC Device Type: WS

Design Information

Controls Emissions from: ROTARY KILN Location: 1
# of Devices: 1
Manufacturer: ? Configuration: CATERNARY GRID
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
334NODATA	0	0	0	0	0

Design Information

Controls Emissions from: ROTARY KILN Location: 3
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
334NODATA	0	0	0	0	0

Design Information

Controls Emissions from: ROTARY KILN Location: 4
# of Devices: 1
Manufacturer: ? Configuration: CROSSFLOW
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
334NODATA	0	0	0	0	0

1. COMPANY: AMERICAN CYANAMID

2. STATE: MO

3. CITY: HANNIBAL EPA ID: MOD050226075 REGION: 7

4. EP ID: 805 DEVICE NAME: TRANE/BRULE SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/QS/VS/ES/PBS

5. APC Device Type: ES

Design Information

Controls Emissions from: FIREBOX
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent: NONE
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
805NODATA	0	0	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: ALL
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent: SODA ASH
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 30
Pack Type:
Column Diameter (ft): 10.5
Comment: PBS IS SHARED BY TWO COMBUSTION PROCESSES.

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
805C1R1	0	0	0	6.05	0
805C1R2	0	0	0	5.75	0
805C1R3	0	0	0	5.95	0
805C2R1	0	0	0	7.6	0
805C2R2	0	0	0	7.4	0
805C2R3	0	0	0	7.4	0

1. COMPANY: APTUS

2. STATE: KS

3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7

4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: SD/FF/WS/IWS

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN
Location: 4
# of Devices: 1
Manufacturer: CEILCOTE
Configuration: CROSS FLOW
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: 2" PP TELLERETTES
Column Diameter (ft): 0
Comment: 2 STAGE

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
325NODATA	0	0	0	0	0

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer: PROCEDAIRE
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
325NODATA	0	0	0	0	0

5. APC Device Type: WS

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: CEILCOTE
Configuration: CROSS FLOW
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
325C4R1	172	0	0	4.7	0
325C4R2	173	0	0	5.3	0
325C4R3	174	0	0	5.4	0
325C5R1	170	0	0	6.1	0
325C5R2	168	0	0	5.9	0
325C5R3	166	0	0	6.6	0
325C6R1	174	0	0	4.5	0
325C6R2	170	0	0	6.3	0
325C6R3	171	0	0	6.3	0
325C7R1	170	0	0	5.4	0
325C7R2	172	0	0	5.8	0
325C7R3	170	0	0	4.7	0

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

2. STATE: UT

3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8

4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: SD/FF/WS/ESP

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN Location: 1
# of Devices: 1
Manufacturer: PROCEDAIR Configuration:
Reagent: SODA ASH Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
327C1R1	469	0	0	0	0
327C1R2	470	0	0	0	0
327C1R3	470	0	0	0	0
327C2R1	460	0	0	0	0
327C2R2	471	0	0	0	0
327C2R3	468	0	0	0	0
327C3R1	468	0	0	0	0
327C3R2	467	0	0	0	0
327C3R3	466	0	0	0	0
327C4R1	444	0	0	0	0
327C4R2	460	0	0	0	0
327C4R3	396	0	0	0	0
327C5R1	467	0	0	0	0
327C5R2	468	0	0	0	0
327C5R3	408	0	0	0	0

5. APC Device Type: WS

Design Information

Controls Emissions from: ROTARY KILN Location: 3
# of Devices: 1
Manufacturer: ANDERSEN 2000 Configuration: PACKED TOWER
Reagent: SODA ASH Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: 3" PP INTALOX Column Diameter (ft): 0
Comment: 2 STAGE PACKING

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
327C1R1	174	0	0	7.44	0
327C1R2	175	0	0	7.5	0
327C1R3	175	0	0	7.4	0
327C2R1	175	0	0	7.6	0
327C2R2	176	0	0	7.5	0
327C2R3	176	0	0	6.5	0
327C3R1	177	0	0	8.5	0
327C3R2	175	0	0	8	0
327C3R3	174	0	0	6.9	0
327C4R1	0	0	0	7.2	0

327C4R2	0	0	0	7.36	0
327C4R3	0	0	0	7.4	0
327C5R1	0	0	0	7.2	0
327C5R2	0	0	0	7.1	0
327C5R3	0	0	0	7.1	0

1. COMPANY: ATOCHEM

2. STATE: KY

3. CITY: CARROLLTON EPA ID: KYD006373922 REGION: 4

4. EP ID: 359 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: WHB/FF/S

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN Location: 3
# of Devices: 1
Manufacturer: CEILCOTE Configuration: PACKED TOWER
Reagent: SODIUM HYDROXIDE Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
359C1R1	132	2.6	0	8.5	0
359C1R2	133	2.5	0	8.3	0
359C1R3	134	2.6	0	8.4	0
359C1R4	131	2.7	0	8.4	0
359C2R1	133	2.6	0	8.4	0
359C2R2	134	2.6	0	8.4	0
359C2R3	133	2.6	0	8.4	0
359C3R1	134	2.6	0	8.4	0
359C3R2	133	2.7	0	8.3	0
359C3R3	134	2.6	0	8.4	0
359C4R1	0	0	0	8.61	0
359C4R2	0	0	0	8.58	0
359C4R3	0	0	0	8.61	0
359C4R4	0	0	0	8.62	0
359C5R1	0	0	0	6.45	0
359C5R2	0	0	0	6.79	0
359C5R3	0	0	0	6.22	0
359C5R4	0	0	0	7.39	0
359C6R1	0	0	0	7.95	0
359C6R2	0	0	0	6.83	0
359C6R3	0	0	0	7.17	0
359C6R4	0	0	0	4.71	0

1. COMPANY: BROS LAGOON AND CLEANUP SITE

2. STATE: NJ

3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2

4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/WHB/VQ/PT/HS/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: ROTARY KILN
Location: 6
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent: NONE
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
807NODATA	0	0	0	0	0

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent:
Pack Height (ft): 2
Pack Surface Area (ft2): 0
Column Height (ft): 10
Pack Type:
Column Diameter (ft): 6
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
807C1R4	179	0	0	7.2	0
807C1R5	180	0	0	7.9	0
807C1R6	180	0	0	8.3	0
807C2R5	187	0	0	8.4	0
807C2R6	187	0	0	9.3	0
807C2R7	187	0	0	8.1	0
807C3R5	187	0	0	9.3	0
807C3R6	186	0	0	8.8	0
807C3R7	185	0	0	9.3	0

5. APC Device Type: VQ

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
807NODATA	0	0	0	0	0

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

1. COMPANY: BURROUGHS WELLCOME

2. STATE: NC

3. CITY: GREENVILLE EPA ID: NCD047373766 REGION: 4

4. EP ID: 708 DEVICE NAME: McGILL NO 2 INCIN. SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WS/ESP

5. APC Device Type: PT

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
# of Devices: 1
Manufacturer: Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 28.5
Pack Type: Column Diameter (ft): 4
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
708NODATA	0	0	0	0	0

1. COMPANY: CHEMICAL WASTE MANAGEMENT

2. STATE: IL

3. CITY: CHICAGO EPA ID: ILD000672121 REGION: 5

4. EP ID: 329 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: PT/IWS

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN Location: 2
# of Devices: 4
Manufacturer: ? Configuration: PACKED SRUBBER
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: TELLERETTE Column Diameter (ft): 0
Comment: IN PARALLEL

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
329NODATA	0	0	0	0	0

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: COUNTER CURRENT
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: TELLERETTE
Column Diameter (ft): 0
Comment: 2 IN PARALLEL

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
329C1R1	177	0	0	9.1	0
329C1R2	178	0	0	8.5	0
329C1R3	177	0	0	8.7	0
329C1R4	178	0	0	9	0
329C1R6	179	0	0	8.6	0
329C1R8	179	0	0	8.2	0

1. COMPANY: CHEVRON CHEMICAL CO.

2. STATE: CA

3. CITY: RICHMOND EPA ID: CAD043237486 REGION: 9

4. EP ID: 500 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/KOV/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: CONTAINS TEFLON DEMISTER PAD, POLYESTER FIBER BED.

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
500NODATA	0	0	0	0	0

5. APC Device Type: KOV

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)

500NODATA	0	0	0	0	0

2. STATE: LA

3. CITY: BELL CHASSE EPA ID: LAD034199802 REGION: 6

4. EP ID: 711 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/VS/AS

5. APC Device Type: AS

Design Information

Controls Emissions from: ALL DEVICES
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
711C1R1	165	0	0	0	0
711C1R2	165	0	0	0	0
711C1R3	165	0	0	0	0
711C2R1	164	0	0	0	0
711C2R2	163	0	0	0	0
711C2R3	162	0	0	0	0
711C2R4	159	0	0	0	0
711C2R5	158	0	0	0	0
711C3R1	162	0	0	0	0
711C3R2	160	0	0	0	0
711C3R3	162	0	0	0	0

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: AL

3. CITY: McINTOSH EPA ID: ALD001221902 REGION: 4

4. EP ID: 705 DEVICE NAME: MULTIPURPOSE INCINER SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/VS/ESP/PT

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: POLYCON
Configuration: PACKED TOWER
Reagent: CAUSTIC
Pack Height (ft): 2
Pack Surface Area (ft2): 0
Column Height (ft): 20
Pack Type: POLYPROPYLENE
Column Diameter (ft): 11
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
705C1R1	0	0	0	8.37	0

705C1R2	0	0	0	8.3	0
705C1R3	0	0	0	8.24	0
705C2R1	0	0	0	8.42	0
705C2R2	0	0	0	8.13	0
705C2R3	0	0	0	8.45	0

1. COMPANY: DEPARTMENT OF ARMY

2. STATE: TT

3. CITY: JOHNSTON ATOLL EPA ID: TT0570090011 REGION: 9

4. EP ID: 344 DEVICE NAME: LIC SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/PT/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION Location: 4
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
344C1R1	0	9.2	0	0	0
344C1R2	0	8.8	0	0	0
344C1R3	0	9.3	0	0	0
344C1R4	0	9.1	0	0	0
344C2R1	0	9	0	0	0
344C2R2	0	9	0	0	0
344C2R3	0	9	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 3
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: CAUSTIC Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: STAINLESS STEEL RING Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
344C1R1	0	5.9	0	0	0
344C1R2	0	6.2	0	0	0
344C1R3	0	6.7	0	0	0
344C1R4	0	6.9	0	0	0
344C2R1	0	4.2	0	0	0
344C2R2	0	4.2	0	0	0
344C2R3	0	4.1	0	0	0

4. EP ID: 346 DEVICE NAME: DFS SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/QC/VS/PT/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: AFTERBURNER
Location: 5
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
346C1R1	0	3	0	0	0
346C1R2	0	3	0	0	0
346C1R3	0	3.2	0	0	0
346C1R4	0	3.7	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: AFTERBURNER
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
346C1R1	0	4.1	0	9.1	0
346C1R2	0	3.5	0	8.6	0
346C1R3	0	3.1	0	9.2	0
346C1R4	0	4.9	0	9.8	0

2. STATE: UT

3. CITY: TOOELE EPA ID: ? REGION: 8

4. EP ID: 347 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/QC/VS/S/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: ROTARY KILN
Location: 5
# of Devices: 1
Manufacturer:
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
347NODATA	0	0	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN
Location: 4
# of Devices: 1
Manufacturer:
Configuration: PACKED TOWER
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
347NODATA	0	0	0	0	0

1. COMPANY: DEPARTMENT OF ENERGY

2. STATE: TN

3. CITY: OAK RIDGE EPA ID: TN0890090004 REGION: 4

4. EP ID: 357 DEVICE NAME: K-25 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/PT/IWS

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: 2 STAGE IWS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
357NODATA	0	0	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
357C1R1	0	0	0	6.1	0
357C1R2	0	0	0	6	0
357C1R3	0	0	0	6.2	0

1. COMPANY: DOW CHEMICAL CO.

2. STATE: LA

3. CITY: PLAQUEMINE EPA ID: LAD008187080 REGION: 6

4. EP ID: 808 DEVICE NAME: I-300 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/PBS/ESP

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: PACKED BED
Reagent: NONE
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
808C1R1	0	0	0	5.13	0
808C1R2	0	0	0	5.14	0
808C1R3	0	0	0	5.14	0
808C2R1	0	0	0	5.21	0
808C2R2	0	0	0	5.55	0
808C2R3	0	0	0	5.52	0

2. STATE: MI

3. CITY: MIDLAND EPA ID: MID000724724 REGION: 5

4. EP ID: 353 DEVICE NAME: UNIT 703 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/DM/ESP

5. APC Device Type: DM

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
353NODATA	0	0	0	0	0

4. EP ID: 354 DEVICE NAME: UNIT 830 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/AS/VS/DM/IWS

5. APC Device Type: AS

Design Information

Controls Emissions from: ROTARY KILN
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent: WATER
Pack Height (ft): 22
Pack Surface Area (ft2): 0
Column Height (ft): 53
Pack Type: TELLERETTE
Column Diameter (ft): 12
Comment: COUNTER CURRENT

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
354NODATA	0	0	0	0	0

5. APC Device Type: DM

Design Information

Controls Emissions from: ROTARY KILN
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 29
Pack Type:
Column Diameter (ft): 8
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
354NODATA	0	0	0	0	0

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN
Location: 5
# of Devices: 4
Manufacturer: CEILCOTE
Configuration: PACKED TOWER
Reagent: WATER
Pack Height (ft): 4
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: 2" PACKING
Column Diameter (ft): 0
Comment: 2 PARALLEL TRAINS OF 2 IWS STAGES

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
354NODATA	0	0	0	0	0

2. STATE: TX

3. CITY: FREEPORT EPA ID: TXD008092793 REGION: 6

4. EP ID: 600 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/QC/PT/IWS

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN
Location: 4
# of Devices: 1
Manufacturer: CEILCOTE
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: 3 STAGES IN SERIES

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
600C1R1	0	0	0	7.6	0
600C1R2	0	0	0	7.8	0
600C1R3	0	0	0	7.8	0
600C2R1	0	0	0	6.8	0
600C2R2	0	0	0	7.7	0
600C2R3	0	0	0	7.6	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
600C1R1	0	0	0	0.6	0
600C1R2	0	0	0	0.7	0
600C1R3	0	0	0	0.7	0

600C2R1	0	0	0	0.5	0
600C2R2	0	0	0	0.5	0
600C2R3	0	0	0	0.3	0

1. COMPANY: DUPONT

2. STATE: DE

3. CITY: WILMINGTON EPA ID: DED003930807 REGION: 3

4. EP ID: 700 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: SD/RJS/VS/WS

5. APC Device Type: RJS

Design Information

Controls Emissions from: FIXED HEARTH Location: 2
# of Devices: 1
Manufacturer: ? Configuration: COUNTER CURRENT
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
700C1R1	423	0	0	0	0
700C1R2	419	0	0	0	0
700C1R3	421	0	0	0	0
700C2R1	425	0	0	0	0
700C2R2	425	0	0	0	0
700C2R3	421	0	0	0	0

5. APC Device Type: SD

Design Information

Controls Emissions from: FIXED HEARTH Location: 1
# of Devices: 1
Manufacturer: ANDERSEN Configuration: COCURRENT
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
700C1R1	423	0	0	0	0
700C1R2	419	0	0	0	0
700C1R3	421	0	0	0	0
700C2R1	425	0	0	0	0
700C2R2	425	0	0	0	0
700C2R3	421	0	0	0	0

5. APC Device Type: WS

Design Information

Controls Emissions from: FIXED HEARTH
Location: 4
# of Devices: 1
Manufacturer: ANDERSEN
Configuration: DISC-DONUT
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: 3 DISC/DONUT STAGES

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
700C1R1	183	0	0	6.87	0
700C1R2	183	0	0	7.77	0
700C1R3	183	0	0	7.69	0
700C2R1	180	0	0	7.59	0
700C2R2	180	0	0	7.63	0
700C2R3	180	0	0	7.35	0

2. STATE: KY

3. CITY: LOUISVILLE EPA ID: KYD003924198 REGION: 4

4. EP ID: 356 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/AS/FN/S/DM

5. APC Device Type: AS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 2
# of Devices: 3
Manufacturer: UNION CARBIDE
Configuration:
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: FALLING FILM ABSORBERS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
356C1R1	0	-10.8	0	0	0
356C1R2	0	-10.4	0	0	0
356C1R3	0	-10.1	0	0	0

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 5
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
356NODATA	0	0	0	0	0

5. APC Device Type: FN

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
356NODATA	0	0	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 4
# of Devices: 1
Manufacturer: RL INDUSTRIES
Configuration: PACKED TOWER
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 36
Pack Type: TELLERETTE
Column Diameter (ft): 6
Comment: 215 FT3 OF TELLERETTE PACKING

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
356C1R1	0	0	0	9.09	0
356C1R2	0	0	0	9.1	0
356C1R3	0	0	0	9.11	0

2. STATE: LA

3. CITY: LA PLACE EPA ID: LAD001890367 REGION: 6

4. EP ID: 710 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/OS/C/S

5. APC Device Type: OS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
710C1R1	0	57	0	0	0
710C1R2	0	60	0	0	0
710C1R3	0	59	0	0	0
710C2R1	0	48	0	0	0

710C2R2	0	49	0	0	0
710C2R3	0	52	0	0	0
710C3R1	0	35	0	0	0
710C3R2	0	35	0	0	0
710C3R3	0	38	0	0	0

Design Information

Controls Emissions from: ROTARY KILN
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
710C1R1	0	89	0	0	0
710C1R2	0	87	0	0	0
710C1R3	0	91	0	0	0
710C2R1	0	92	0	0	0
710C2R2	0	91	0	0	0
710C2R3	0	92	0	0	0
710C3R1	0	60	0	0	0
710C3R2	0	63	0	0	0
710C3R3	0	67	0	0	0

5. APC Device Type: S

Design Information

Controls Emissions from: ALL
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: 3 WS STAGES TREATS LIQUID AND ROTARY INCINERATOR GAS STREAMS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
710C1R1	50	0	0	0	0
710C1R2	124	0	0	0	0
710C1R3	126	0	0	0	0
710C2R1	122	0	0	0	0
710C2R2	124	0	0	0	0
710C2R3	124	0	0	0	0
710C3R1	111	0	0	0	0
710C3R2	109	0	0	0	0
710C3R3	111	0	0	0	0

2. STATE: NJ

3. CITY: DEEPWATER EPA ID: NJD002385730 REGION: 2

4. EP ID: 339 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: AT/PT/RJS/ESP

5. APC Device Type: PBS

Design Information

Controls Emissions from: INCINERATOR
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent: WATER
Pack Height (ft): 12
Pack Surface Area (ft2): 0
Column Height (ft): 24
Pack Type: 1.5" INTALOX SADDLES
Column Diameter (ft): 6.5
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
339NODATA	0	0	0	0	0

5. APC Device Type: RJS

Design Information

Controls Emissions from: INCINERATOR
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
339NODATA	0	0	0	0	0

2. STATE: TX

3. CITY: LA PORTE EPA ID: TXD008079212 REGION: 6

4. EP ID: 702 DEVICE NAME: THF INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/S/C

5. APC Device Type: S

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: BUTTERFLY VALVE
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
702NODATA	0	0	0	0	0

4. EP ID: 707 DEVICE NAME: CENTRAL SCRUBBED INC SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/WS

5. APC Device Type: OS

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: ?
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
707A1R1	0	93	0	8.38	0
707A1R2	0	93	0	8.37	0
707A1R3	0	93	0	8.35	0
707A2R1	0	93	0	7.82	0
707A2R2	0	92	0	7.82	0
707A2R3	0	93	0	7.79	0
707A3R1	0	94	0	7.82	0
707A3R2	0	94	0	7.82	0
707A3R3	0	94	0	7.82	0
707A4R1	0	96	0	7.84	0
707A4R2	0	96	0	7.85	0
707A4R3	0	97	0	7.83	0
707A5R1	0	97	0	7.83	0
707A5R2	0	96	0	7.84	0
707A5R3	0	95	0	7.82	0
707A6R1	0	95	0	7.82	0
707A6R2	0	94	0	7.83	0
707A6R3	0	96	0	7.82	0
707C1R1	0	88	0	7.99	0
707C1R2	0	83	0	7.6	0
707C1R3	0	83	0	7.6	0
707C2R1	0	90	0	8	0
707C2R2	0	90	0	7.98	0
707C2R3	0	85	0	7.6	0
707C3R1	0	89	0	8.19	0
707C3R2	0	82	0	7.7	0
707C3R3	0	90	0	8.18	0
707C4R1	0	94	0	7.78	0
707C4R2	0	99	0	8.11	0
707C4R3	0	99	0	8.24	0
707C7R1	0	93	0	7.4	0
707C7R2	0	90	0	7.3	0
707C7R3	0	90	0	7.3	0
707C8R1	0	80	0	7.44	0
707C8R2	0	75	0	7.3	0
707C8R3	0	79	0	7.47	0
707C9R1	0	96	0	6.9	0
707C9R2	0	93	0	6.87	0
707C9R3	0	91	0	6.82	0

5. APC Device Type: WS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 0
# of Devices: 0
Manufacturer:
Configuration: DISC-DONUT
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
707NODATA	0	0	0	0	0

3. CITY: ORANGE EPA ID: TXD008081101 REGION: 6

4. EP ID: 338 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/FF/SS/C/HES/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: ROTARY KILN
Location: 6
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
338C1R1	147	0	0	0	0
338C1R2	140	0	0	0	0
338C1R3	138	0	0	0	0
338C2R1	142	0	0	0	0
338C2R2	145	0	0	0	0
338C2R3	139	0	0	0	0

5. APC Device Type: SS

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
338NODATA	0	0	0	0	0

1. COMPANY: ELI LILLY AND COMPANY

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

2. STATE: IN

3. CITY: CLINTON EPA ID: IND072040348 REGION: 5

4. EP ID: 701 DEVICE NAME: BARTLETT SNOW INCIN. SYSTEM TYPE: ONSITE INCINERATOR APC SYS: VS/PT

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN Location: 3
# of Devices: 1
Manufacturer: ? Configuration: ?
Reagent: WATER Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 36
Pack Type: Column Diameter (ft): 7
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
701NODATA	0	0	0	0	0

3. CITY: LAFAYETTE EPA ID: IND006050967 REGION: 5

4. EP ID: 358 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/C/CT/S/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION Location: 6
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
358NODATA	0	0	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 5
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: CAUSTIC Pack Height (ft): 5
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: PP INTALOX Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
358NODATA	0	0	0	0	0

2. STATE: PR

3. CITY: MAYAQUEZ EPA ID: PRD091024786 REGION: 2

4. EP ID: 728 DEVICE NAME: BRULE SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/PT/VS

5. APC Device Type: PT

Design Information

Controls Emissions from: INCINERATOR
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: WS
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
728C1R1	0	0	0	6.7	0
728C1R2	0	0	0	9	0
728C1R3	0	0	0	8.9	0

1. COMPANY: GENERAL ELECTRIC CO.

2. STATE: MA

3. CITY: PITTSFIELD EPA ID: MAD002084093 REGION: 1

4. EP ID: 330 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: QT/WS/DM

5. APC Device Type: PBS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent: SODIUM HYDROXIDE
Pack Height (ft): 12
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: 3" POLYPROPYLENE
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
330NODATA	0	0	0	0	0

2. STATE: NY

3. CITY: WATERFORD EPA ID: NYD002080034 REGION: 2

4. EP ID: 825 DEVICE NAME: ROTARY KILN INCINER SYSTEM TYPE: ONSITE INCINERATOR APC SYS: CCS/QC/ESP

5. APC Device Type: CCS

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: COUNTER CURRENT
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
825NODATA	0	0	0	0	0

1. COMPANY: GLAXO INC.

2. STATE: NC

3. CITY: RESEARCH TRIANGLE PARK EPA ID: NCD065655599 REGION: 4

4. EP ID: 341 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: DA/DI/FF/HEPA/CA

5. APC Device Type: DI

Design Information

Controls Emissions from: FIXED HEARTH
Location: 2
# of Devices: 1
Manufacturer: INTEREL
Configuration:
Reagent: LIME
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
341NODATA	0	0	0	0	0

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES

2. STATE: SC

3. CITY: ROEBUCK EPA ID: SCD981467616 REGION: 4

4. EP ID: 209 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: WHB/FF/VQ/PT/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION — Location: 5
# of Devices: 1
Manufacturer: ? — Configuration:
Reagent: — Pack Height (ft): 0
Pack Surface Area (ft2): 0 — Column Height (ft): 0
Pack Type: — Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
209NODATA	0	0	0	0	0

5. APC Device Type: PT

Design Information

Controls Emissions from: LIQUID INJECTION — Location: 4
# of Devices: 1
Manufacturer: ? — Configuration:
Reagent: — Pack Height (ft): 0
Pack Surface Area (ft2): 0 — Column Height (ft): 0
Pack Type: TELLERETTE — Column Diameter (ft): 0
Comment: WATER RECIRC. AT 450 GAL/MIN. W/CONTINUOUS DISCHARGE OF 150 GAL/MIN

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
209C1R1	0	9.6	0	0.25	0
209C1R2	0	10.5	0	0.2	0
209C1R3	0	10.3	0	0.13	0
209C1R4	0	10.3	0	0.12	0
209C2R1	0	7.6	0	0.28	0
209C2R2	0	9.3	0	0.36	0
209C2R3	0	8.3	0	0.27	0
209C2R4	0	8.8	0	0.31	0

5. APC Device Type: VQ

Design Information

Controls Emissions from: LIQUID INJECTION — Location: 3
# of Devices: 1
Manufacturer: ? — Configuration:
Reagent: — Pack Height (ft): 0
Pack Surface Area (ft2): 0 — Column Height (ft): 0
Pack Type: — Column Diameter (ft): 0
Comment: WATER INJECTION

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
209C1R1	0	2	0	0	0
209C1R2	0	3	0	0	0
209C1R3	0	0.5	0	0	0
209C1R4	0	1.2	0	0	0
209C2R1	0	5.1	0	0	0
209C2R2	0	2.4	0	0	0
209C2R3	0	0.2	0	0	0
209C2R4	0	4.7	0	0	0

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY EPA ID: KYD088438817 REGION: 4

4. EP ID: 210 DEVICE NAME: UNIT NO. 3 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: FF/S

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN Location: 2
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 4
Pack Surface Area (ft2): 0 Column Height (ft): 40
Pack Type: STAINLESS STEEL Column Diameter (ft): 25.4
Comment: PACKING EQUAL TO 2.5 FT OF 1" RASCHIG RINGS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
210NODATA	0	0	0	0	0

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN Location: 1
# of Devices: 1
Manufacturer: Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
210NODATA	0	0	0	0	0

4. EP ID: 211 DEVICE NAME: UNIT NO. 1 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: FF/S

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN Location: 3
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 4
Pack Surface Area (ft2): 0 Column Height (ft): 33
Pack Type: STAINLESS STEEL Column Diameter (ft): 15
Comment: PACING EQUAL TO 2.5 FT OF 1" RASCHIG RINGS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
211NODATA	0	0	0	0	0

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer:
Configuration: SPRAY DRYER
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
211NODATA	0	0	0	0	0

4. EP ID: 212 DEVICE NAME: UNIT NO. 2 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: FF/S

5. APC Device Type: S

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 4
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: STAINLESS STEEL
Column Diameter (ft): 15
Comment: PACKING EQUAL TO 2.5 FT OF 1" RASCHIG RINGS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
212NODATA	0	0	0	0	0

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer:
Configuration: SPRAY DRYER
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
212NODATA	0	0	0	0	0

1. COMPANY: MARINE SHALE PROCESSORS, INC.

2. STATE: LA

3. CITY: MORGAN CITY EPA ID: LAD981057706 REGION: 6

4. EP ID: 400 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: SD/FF

5. APC Device Type: SD

Design Information

Controls Emissions from: LWA KILN
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 100
Pack Type:
Column Diameter (ft): 17.5
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
400C1R1	419	0	0	0	0
400C1R2	430	0	0	0	0
400C1R3	423	0	0	0	0

1. COMPANY: MILES, INC.

2. STATE: WV

3. CITY: NEW MARTINSVILLE EPA ID: WVD056866312 REGION: 3

4. EP ID: 340 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/ESP/WS

5. APC Device Type: WS

Design Information

Controls Emissions from: FLUIDIZED BED
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: 2 STAGE

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
340NODATA	0	0	0	0	0

1. COMPANY: MONSANTO AGRICULTURAL COMPANY

2. STATE: IA

3. CITY: MUSCATINE EPA ID: IAD005273594 REGION: 7

4. EP ID: 906 DEVICE NAME: CAC INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/PT

5. APC Device Type: PT

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: WATER
Pack Height (ft): 10
Pack Surface Area (ft2): 0
Column Height (ft): 25
Pack Type: 2" TEFSEL
Column Diameter (ft): 4.354
Comment: 148.9 FT3 OF PACKING

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
906C1R1	127	0	0	0.88	0
906C1R2	136	0	0	0.84	0
906C1R3	137	0	0	0.88	0
906C1R4	126	0	0	0.88	0
906C2R1	143	0	0	2.53	0
906C2R2	142	0	0	2.14	0
906C2R3	142	0	0	3.29	0
906C2R4	143	0	0	3.29	0
906C3R1	134	0	0	7.38	0
906C3R2	131	0	0	7.26	0
906C3R3	137	0	0	7.3	0
906C4R1	144	0	0	0.96	0
906C4R2	143	0	0	0.98	0
906C4R3	141	0	0	0.95	0
906C5R1	146	0	0	7.34	0
906C5R2	145	0	0	7.38	0
906C5R3	144	0	0	7.39	0

1. COMPANY: NEW BEDFORD HARBOR SUPERFUND SITE

2. STATE: MA

3. CITY: NEW BEDFORD EPA ID: ? REGION: 1

4. EP ID: 903 DEVICE NAME: IRF SYSTEM TYPE: PILOT-SCALE INCINERATOR APC SYS: VS/PT/CA/HEPA

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent: SODIUM HYDROXIDE
Pack Height (ft): 7
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: 2" POLYPROPYLENE
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
903C1	178	0	0	9.3	0
903C2	178	0	0	7	0
903C3R1	178	0	0	7.4	0
903C3R2	178	0	0	7	0

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

1. COMPANY: OCCIDENTAL CHEMICAL CORP.

2. STATE: NY

3. CITY: NIAGARA FALLS EPA ID: NYD000824482 REGION: 2

4. EP ID: 348 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/AS/IWS

5. APC Device Type: AS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
348C1R1	0	0	0	7.8	0
348C1R2	0	0	0	8.2	0
348C1R3	0	0	0	7.9	0

5. APC Device Type: IWS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 3
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment: 2 STAGES

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
348NODATA	0	0	0	0	0

1. COMPANY: OLIN CHEMICALS

2. STATE: IL

3. CITY: EAST ALTON EPA ID: ILD006271696 REGION: 5

4. EP ID: 337 DEVICE NAME: UNIT NO. 2 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/DA/DI/FF

5. APC Device Type: DI

Design Information

Controls Emissions from: STARVED-AIR
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: LIME
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: DRY LIME INJECTION

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
337NODATA	0	0	0	0	0

2. STATE: LA

3. CITY: LAKE CHARLES EPA ID: LAD008080681 REGION: 6

4. EP ID: 714 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WS

5. APC Device Type: PBS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 2
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent: CAUSTIC
Pack Height (ft): 6.3
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
714C1R1	0	0	0	6.1	0
714C1R2	0	0	0	6.2	0
714C1R3	0	0	0	6.2	0
714C2R1	0	0	0	6.3	0
714C2R2	0	0	0	6.1	0
714C2R3	0	0	0	5.7	0
714C3R1	0	0	0	6.9	0
714C3R2	0	0	0	6.4	0
714C3R3	0	0	0	6.2	0
714C4R1	0	0	0	7.3	0
714C4R2	0	0	0	7.2	0
714C4R3	0	0	0	7.2	0
714C5R1	0	0	0	6	0
714C5R2	0	0	0	5.6	0
714C5R3	0	0	0	6	0

5. APC Device Type: WS

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: SPRAY SCRUBBER
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
714C1R1	0	0	0	6.9	0
714C1R2	0	0	0	6.2	0
714C1R3	0	0	0	6.2	0
714C2R1	0	0	0	6.3	0
714C2R2	0	0	0	6.1	0
714C2R3	0	0	0	5.7	0
714C3R1	0	0	0	7.4	0
714C3R2	0	0	0	6.6	0
714C3R3	0	0	0	6.2	0
714C4R1	0	0	0	7.3	0
714C4R2	0	0	0	7.2	0
714C4R3	0	0	0	7.2	0
714C5R1	0	0	0	6.1	0
714C5R2	0	0	0	6.8	0
714C5R3	0	0	0	6.8	0

1. COMPANY: PENNWALT CORPORATION

2. STATE: NJ

3. CITY: THOROFARE EPA ID: NJD980753875 REGION: 2

4. EP ID: 824 DEVICE NAME: ISOTRON 142 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/VS/PT/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 4
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
824NODATA	0	0	0	0	0

5. APC Device Type: PT

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
824NODATA	0	0	0	0	0

1. COMPANY: PFIZER, INC.

2. STATE: CT

3. CITY: GROTON EPA ID: CTD001147495 REGION: 1

4. EP ID: 502 DEVICE NAME: UNITS 101/102 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/QC/PBC/VS/ES

5. APC Device Type: ES

Design Information

Controls Emissions from: ROTARY HEARTH
Location: 5
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
502NODATA	0	0	0	0	0

5. APC Device Type: PBC

Design Information

Controls Emissions from: ROTARY HEARTH
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: CAUSTIC
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
502NODATA	0	0	0	0	0

2. STATE: PR

3. CITY: BARCELONETA EPA ID: PRD090346090 REGION: 2

4. EP ID: 713 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: VS/PT

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN Location: 2
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: SODIUM HYDROXIDE Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
713NODATA	0	0	0	0	0

1. COMPANY: RADFORD ARMY AMMUNITION PLANT

2. STATE: VA

3. CITY: RADFORD EPA ID: VA1210020730 REGION: 3

4. EP ID: 349 DEVICE NAME: UNIT 6A SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/FF/QC/PT

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN Location: 4
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: CAUSTIC Pack Height (ft): 2.5
Pack Surface Area (ft2): 0 Column Height (ft): 7.5
Pack Type: 3" PP INTERLOX Column Diameter (ft): 4.5
Comment: COCURRENT

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
349C1R1	185	0	0	0	0
349C1R2	186	0	0	0	0
349C1R3	186	0	0	0	0
349C2R1	189	0	0	0	0
349C2R2	189	0	0	0	0
349C2R3	184	0	0	0	0
349C3R1	189	0	0	0	0
349C3R2	188	0	0	0	0
349C3R3	188	0	0	0	0
349C4R1	172	0	0	0	0
349C4R2	178	0	0	0	0
349C4R3	177	0	0	0	0

1. COMPANY: ROCKY MOUNTAIN ARSENAL

2. STATE: CO

3. CITY: ADAMS COUNTY EPA ID: ? REGION: 8

4. EP ID: 902 DEVICE NAME: SQI SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/VS/PT

5. APC Device Type: PBS

Design Information

Controls Emissions from: SUBMERGED QUENCH Location: 3
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: SODIUM HYDROXIDE Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
902C1R1	0	0	0	5.82	0
902C1R2	0	0	0	6.13	0
902C1R3	0	0	0	5.44	0

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES

2. STATE: LA

3. CITY: BATON ROUGE EPA ID: LAD010395127 REGION: 6

4. EP ID: 214 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: IWS

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN Location: 1
# of Devices: 1
Manufacturer: ? Configuration: PACKED, CROSS FLOW
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment: 3 IWS STAGES PAIRED WITH PACKED SCRUBBERS IN SERIES

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
214C1R1	0	0	0	9.32	0
214C1R2	0	0	0	8.07	0
214C1R3	0	0	0	7.7	0
214C2R1	102	0	0	0	0
214C2R2	108	0	0	0	0
214C2R3	108	0	0	0	0
214C3R1	102	0	0	0	0
214C3R2	102	0	0	0	0
214C3R3	105	0	0	0	0

2. STATE: NJ

3. CITY: BRIDGEPORT EPA ID: NJD053288239 REGION: 2

4. EP ID: 216 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: HES/WS

5. APC Device Type: WS

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: TRAY COLUMN
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
216NODATA	0	0	0	0	0

2. STATE: TX

3. CITY: DEER PARK EPA ID: TX0055141378 REGION: 6

4. EP ID: 221 DEVICE NAME: RES (TX) INCINERATOR SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: PT

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: DUAL PACKED TOWER
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
221NODATA	0	0	0	0	0

1. COMPANY: ROSS INCINERATION SERVICES

2. STATE: OH

3. CITY: GRAFTON EPA ID: OHD048415665 REGION: 5

4. EP ID: 331 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: PT/IWS

5. APC Device Type: IWS

Design Information

Controls Emissions from: ROTARY KILN
Location: 2
# of Devices: 2
Manufacturer: ?
Configuration: 2 IWS UNITS IN TRAIN
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment: 3 IWS TRAINS IN PARALLEL, MIN. OF 2 ON LINE

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
331NODATA	0	0	0	0	0

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 2
Manufacturer: ?
Configuration: PACKED TOWER
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
331NODATA	0	0	0	0	0

1. COMPANY: SHELL OIL CO.

2. STATE: CA

3. CITY: MARTINEZ EPA ID: CAD009164021 REGION: 9

4. EP ID: 726 DEVICE NAME: RM-17 INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/CS/DM/VS

5. APC Device Type: DM

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent:
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type:
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
726NODATA	0	0	0	0	0

1. COMPANY: TENNESSEE EASTMAN CO.

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

2. STATE: TN

3. CITY: KINGSPORT EPA ID: TND003376928 REGION: 4

4. EP ID: 810 DEVICE NAME: LIQUID CHEMICAL DEST SYSTEM TYPE: ONSITE INCINERATOR APC SYS: Q/VS/PBS

5. APC Device Type: PBS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
# of Devices: 1
Manufacturer: CEILCOTE CO. Configuration: PACKED TOWER
Reagent: Pack Height (ft): 7
Pack Surface Area (ft2): 0 Column Height (ft): 21.6
Pack Type: TELLERETTES Column Diameter (ft): 8
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
810C1R1	0	0	0	1.03	0
810C1R2	0	0	0	0.89	0
810C1R3	0	0	0	0.88	0
810C2R1	0	0	0	0.5	0
810C2R2	0	0	0	0.96	0
810C2R3	0	0	0	0.62	0

1. COMPANY: THERMALKEM

2. STATE: SC

3. CITY: ROCK HILL EPA ID: SCD044442333 REGION: 4

4. EP ID: 332 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: WS

5. APC Device Type: HES

Design Information

Controls Emissions from: FIXED HEARTH Location: 1
# of Devices: 1
Manufacturer: HYDROSONICS Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment: STEAM HYDRO GAS CLEANER

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
332C1R1	152	0	0	9.2	0
332C1R2	155	0	0	9	0
332C1R3	145	0	0	8.3	0
332C1R4	144	0	0	8.4	0
332C1R5	149	0	0	7.8	0

1. COMPANY: TRADE WASTE INCINERATION

2. STATE: IL

3. CITY: SAUGET EPA ID: ILD098642424 REGION: 5

4. EP ID: 333 DEVICE NAME: UNIT NO. 4 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: SD/FF

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN
Location: 1
# of Devices: 1
Manufacturer: ?
Configuration: SPRAY DRYER
Reagent: LIME SLURRY
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 72
Pack Type:
Column Diameter (ft): 12
Comment: DUAL CHAMBERS

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
333NODATA	0	0	0	0	0

1. COMPANY: UPJOHN CO.

2. STATE: MI

3. CITY: KALAMAZOO EPA ID: MID000820381 REGION: 5

4. EP ID: 342 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/QC/S/VS/DM

5. APC Device Type: DM

Design Information

Controls Emissions from: ROTARY KILN
Location: 5
# of Devices: 1
Manufacturer: ?
Configuration:
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 0
Pack Type: TELLERETTE
Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
342NODATA	0	0	0	0	0

5. APC Device Type: PBS

Design Information

Controls Emissions from: ROTARY KILN
Location: 3
# of Devices: 1
Manufacturer: CEILCOTE
Configuration: PACKED TOWER
Reagent: WATER
Pack Height (ft): 0
Pack Surface Area (ft2): 0
Column Height (ft): 16
Pack Type: 2" TELLERETTE
Column Diameter (ft): 4.5
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
342NODATA	0	0	0	0	0

1. COMPANY: VELSICOL CHEMICAL CORPORATION

2. STATE: TN

3. CITY: MEMPHIS EPA ID: TND007024664 REGION: 4

4. EP ID: 905 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/VS/AS/CS

5. APC Device Type: AS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 2
# of Devices: 1
Manufacturer:
Configuration: PACKED TOWER
Reagent:
Pack Height (ft): 12
Pack Surface Area (ft2): 0
Column Height (ft): 25
Pack Type: NORTON #2
Column Diameter (ft): 3
Comment: 25 FT (H) BY 3 FT (DIA.), 12 FT PACKING OF NORTON #12 SUPER INTALOX

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
905NODATA	0	0	0	0	0

5. APC Device Type: CS

Design Information

Controls Emissions from: LIQUID INJECTION
Location: 3
# of Devices: 1
Manufacturer: ?
Configuration: PACKED TOWER
Reagent:
Pack Height (ft): 12
Pack Surface Area (ft2): 0
Column Height (ft): 50
Pack Type: JAEGER TRIPAK
Column Diameter (ft): 3
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
905C1R1	0	0	0	8.7	0
905C1R2	0	0	0	8.7	0
905C1R3	0	0	0	8.8	0

SECTION 4e: SCRUBBER DESIGN AND OPERATING INFORMATION

1. COMPANY: VULCAN MATERIALS CO.

2. STATE: KS

3. CITY: WICHITA EPA ID: KSD007482029 REGION: 7

4. EP ID: 229 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/ACS/HCS/CS

5. APC Device Type: ACS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: HCL SOLUTION Pack Height (ft): 6
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: 2" CERAMIC Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
229C1R2	188	0	0	6.6	0
229C1R3	190	0	0	6.4	0
229C1R4	189	0	0	6.4	0
229C2R1	191	0	0	6	0
229C2R2	193	0	0	6	0
229C2R4	193	0	0	5.9	0

Design Information

Controls Emissions from: LIQUID INJECTION Location: 3
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: WATER Pack Height (ft): 10
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: 1" PLASTIC Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
229NODATA	0	0	0	0	0

5. APC Device Type: CS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 4
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: CAUSTIC Pack Height (ft): 4
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: 1" PLASTIC Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
229C1R2	0	0	0	8.3	0
229C1R3	0	0	0	8.3	0

229C1R4	0	0	0	8.2	0
229C2R1	0	0	0	8.6	0
229C2R2	0	0	0	8.5	0
229C2R4	0	0	0	8.3	0

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES

2. STATE: OH

3. CITY: EAST LIVERPOOL EPA ID: OHD980613541 REGION: 5

4. EP ID: 222 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: WHB/SD/ESP/Q/PBS

5. APC Device Type: PT

Design Information

Controls Emissions from: ROTARY KILN Location: 3
# of Devices: 1
Manufacturer: ? Configuration: PACKED TOWER
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment: 2 PACKED BED SECTIONS AND A RING JET VENTURI STAGE WITH DEMISTER.

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
222C1R1	176	28.8	0	9.1	0
222C1R2	175	28.2	0	8.7	0
222C1R3	178	28.7	0	8.5	0
222C2R1	179	27.6	0	8.9	0
222C2R2	180	28.6	0	8.6	0
222C2R3	176	30.2	0	8.7	0
222C3R1	168	28.1	0	8.3	0
222C3R2	173	28.2	0	8	0
222C3R3	171	28.5	0	9.4	0
222C6R1	171	27	0	8	0
222C6R2	177	28	0	8	0
222C6R3	174	28	0	8	0
222C6R4	178	28	0	8	0

5. APC Device Type: SD

Design Information

Controls Emissions from: ROTARY KILN Location: 1
# of Devices: 1
Manufacturer: Configuration: DRY SCRUBBER
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
222C1R1	720	0	0	0	0
222C1R2	683	0	0	0	0
222C1R3	689	0	0	0	0

222C2R1	625	0	0	0	0
222C2R2	620	0	0	0	0
222C2R3	605	0	0	0	0
222C3R1	607	0	0	0	0
222C3R2	634	0	0	0	0
222C3R3	620	0	0	0	0
222C6R1	677	0	0	0	0
222C6R2	672	0	0	0	0
222C6R3	673	0	0	0	0
222C6R4	648	0	0	0	0

1. COMPANY: ZENECA

2. STATE: NJ

3. CITY: BAYONNE EPA ID: NJD001707944 REGION: 2

4. EP ID: 725 DEVICE NAME: LV-3 INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WS/QT

5. APC Device Type: WS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
# of Devices: 1
Manufacturer: ? Configuration:
Reagent: Pack Height (ft): 0
Pack Surface Area (ft2): 0 Column Height (ft): 0
Pack Type: Column Diameter (ft): 0
Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
725NODATA	0	0	0	0	0

SECTION 4f: OTHER CONTROL DESIGN AND OPERATING INFORMATION

1. COMPANY: AMOCO OIL CO.

2. STATE: IN

3. CITY: WHITING EPA ID: IND000810861 REGION: 5

4. EP ID: 806 DEVICE NAME: FLUIDIZED BED SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/VS

5. APC Device Type: C

Design Information

Controls Emissions from: FLUIDIZED BED Location: 1

# of Devices: 1

Manufacturer: EMTROL Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
806NODATA	0	0	0	0

1. COMPANY: BROS LAGOON AND CLEANUP SITE

2. STATE: NJ

3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2

4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/WHB/VQ/PT/HS/DM

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY KILN Location: 1

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
807NODATA	0	0	0	0

5. APC Device Type: HS

Design Information

Controls Emissions from: ROTARY KILN Location: 5

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment: HIGH PRESSURE STEAM AND WATER INJECTION

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
807C1R4	0	0	7.3	0
807C1R5	0	0	7.7	0
807C1R6	0	0	7.2	0
807C2R5	0	0	7.9	0
807C2R6	0	0	9.1	0

807C2R7	0	0	8.3	0
807C3R5	0	0	8.3	0
807C3R6	0	0	7.8	0
807C3R7	0	0	7.6	0

1. COMPANY: CHEVRON CHEMICAL CO.

2. STATE: LA

3. CITY: BELL CHASSE EPA ID: LAD034199802 REGION: 6

4. EP ID: 711 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/VS/AS

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY HEARTH Location: 1

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
711NODATA	0	0	0	0

2. STATE: PA

3. CITY: PHILADELPHIA EPA ID: PAD049791098 REGION: 3

4. EP ID: 504 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: VS/C

5. APC Device Type: C

Design Information

Controls Emissions from: FLUIDIZED BED Location: 1

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
504NODATA	0	0	0	0

1. COMPANY: DEPARTMENT OF ARMY

2. STATE: TT

3. CITY: JOHNSTON ATOLL EPA ID: TT0570090011 REGION: 9

4. EP ID: 346 DEVICE NAME: DFS SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/QC/VS/PT/DM

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY KILN Location: 1

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
346C1R1	984	0.4	0	0
346C1R2	1077	0.4	0	0
346C1R3	1048	0.3	0	0
346C1R4	973	0.4	0	0

2. STATE: UT

3. CITY: TOOELE EPA ID: ? REGION: 8

4. EP ID: 347 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/QC/VS/S/DM

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY KILN Location: 1

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
347NODATA	0	0	0	0

1. COMPANY: DUPONT

2. STATE: LA

3. CITY: LA PLACE EPA ID: LAD001890367 REGION: 6

4. EP ID: 710 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/OS/C/S

5. APC Device Type: C

Design Information

Controls Emissions from: LIQUID INJECTION Location: 3

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
710NODATA	0	0	0	0

Design Information

Controls Emissions from: ROTARY KILN Location: 3

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
710NODATA	0	0	0	0

2. STATE: NJ

3. CITY: DEEPWATER EPA ID: NJD002385730 REGION: 2

4. EP ID: 339 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: AT/PT/RJS/ESP

5. APC Device Type: AT

Design Information

Controls Emissions from: INCINERATOR Location: 1

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
339NODATA	0	0	0	0

2. STATE: TX

3. CITY: LA PORTE EPA ID: TXD008079212 REGION: 6

4. EP ID: 702 DEVICE NAME: THF INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QT/S/C

5. APC Device Type: C

Design Information

Controls Emissions from: LIQUID INJECTION Location: 3

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment: COLUMN DIAMETER: 8 FEET

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
702NODATA	0	0	0	0

3. CITY: ORANGE EPA ID: TXD008081101 REGION: 6

4. EP ID: 338 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/FF/SS/C/HES/DM

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY KILN Location: 4

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
338NODATA	0	0	0	0

5. APC Device Type: HES

Design Information

Controls Emissions from: ROTARY KILN Location: 5

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
338C1R1	0	29	0	0
338C1R2	0	27.7	0	0
338C1R3	0	27.8	0	0
338C2R1	0	27.9	0	0
338C2R2	0	27.6	0	0
338C2R3	0	27.8	0	0

1. COMPANY: EASTMAN KODAK

2. STATE: NY

3. CITY: ROCHESTER EPA ID: NYD980592497 REGION: 2

4. EP ID: 915 DEVICE NAME: BUILDING 218 CHI SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/C

5. APC Device Type: C

Design Information

Controls Emissions from: BOILER Location: 3

# of Devices: 1

Manufacturer: WALLACE MURRAY CORP. Configuration:

Comment: WATER SEPERATOR

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
915NODATA	0	0	0	0

1. COMPANY: ELI LILLY AND COMPANY

2. STATE: IN

3. CITY: LAFAYETTE EPA ID: IND006050967 REGION: 5

4. EP ID: 358 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: QC/VS/C/CT/S/DM

5. APC Device Type: C

Design Information

Controls Emissions from: LIQUID INJECTION Location: 3

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
358NODATA	0	0	0	0

5. APC Device Type: CT

Design Information

Controls Emissions from: LIQUID INJECTION Location: 4

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
358NODATA	0	0	0	0

1. COMPANY: GLAXO INC.

2. STATE: NC

3. CITY: RESEARCH TRIANGLE PARK EPA ID: NCD065655599 REGION: 4

4. EP ID: 341 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYS: DA/DI/FF/HEPA/CA

5. APC Device Type: HEPA

Design Information

Controls Emissions from: FIXED HEARTH Location: 4

# of Devices: 1

Manufacturer: FLANDERS Configuration:

Comment: 6 PREFILTER, 6 HEPA, 12 CHARCOAL, 6 HEPA IN SERIES

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
341NODATA	0	0	0	0

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN EPA ID: IA7213820445 REGION: 7

4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER SYSTEM TYPE: ONSITE INCINERATOR APC SYS: GC/C/FF

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY KILN Location: 2

# of Devices: 1

Manufacturer: DUEON-TYPE Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
351C4R1	297	0	0	0
351C4R2	296	0	0	0
351C4R3	296	0	0	0

4. EP ID: 727 DEVICE NAME: EWI NO AFTERBURNER SYSTEM TYPE: ONSITE INCINERATOR APC SYS: GC/C/FF

5. APC Device Type: C

Design Information

Controls Emissions from: ROTARY KILN Location: 2

# of Devices: 1

Manufacturer: DUEON-TYPE Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
727NODATA	0	0	0	0

1. COMPANY: NEW BEDFORD HARBOR SUPERFUND SITE

2. STATE: MA

3. CITY: NEW BEDFORD EPA ID: ? REGION: 1

4. EP ID: 903 DEVICE NAME: IRF SYSTEM TYPE: PILOT-SCALE INCINERATOR APC SYS: VS/PT/CA/HEPA

5. APC Device Type: CA

Design Information

Controls Emissions from: ROTARY KILN Location: 3

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
903NODATA	0	0	0	0

5. APC Device Type: HEPA

SECTION 4f: OTHER CONTROL DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: ROTARY KILN Location: 4

# of Devices: 1

Manufacturer: ? Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
903NODATA	0	0	0	0

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES

2. STATE: NJ

3. CITY: BRIDGEPORT EPA ID: NJD053288239 REGION: 2

4. EP ID: 216 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: HES/WS

5. APC Device Type: HES

Design Information

Controls Emissions from: ROTARY KILN Location: 2

# of Devices: 1

Manufacturer: ? Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	PH	KVA
216NODATA	0	0	0	0

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: 3M
2. STATE: MN
3. CITY: COTTAGE GROVE EPA ID: MND006172969 REGION: 5
4. EP ID: 334 DEVICE NAME: CHEMOLITE INCIN SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP/PT

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 200 Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
334C1R1	Multiple	38885 dscfm	73	14.2	2.2
334C1R2	Multiple	39389 dscfm	76	14	2.3
334C1R3	Multiple	38838 dscfm	76	13.5	1.8
334C1R4	Multiple	39829 dscfm	78	13.9	1.6
334C2R1	Multiple	40416 dscfm	75	15.4	2.3
334C2R2	Multiple	38767 dscfm	73	14.2	1.8
334C2R3	Multiple	38500 dscfm	78	14.6	2.2
334C2R4	Multiple	39019 dscfm	77	13.2	1.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ALLIED CORPORATION
2. STATE: AL
3. CITY: BIRMINGHAM EPA ID: ALD031499833 REGION: 4
4. EP ID: 324 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: ?

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: BATCH Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 41 Stack Diameter (in): 36

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
324C1R1	Multiple	5358 dscfm	435	10.4	10.3
324C1R2	Multiple	6110 dscfm	451	11.2	8.3
324C1R3	Multiple	5906 dscfm	460	11	7.9
324C1R4	Multiple	6000 dscfm	470	12.6	8.1
324C1R5	Multiple	6266 dscfm	474	12.4	8.9
324C1R6	Multiple	6332 dscfm	475	12.2	9.1
324C1R7	Multiple	6275 dscfm	471	11.9	9.7
324C2R1	Multiple	6076 dscfm	438	13.1	9.5
324C2R2	Multiple	6085 dscfm	454	11.3	8.3
324C2R3	Multiple	6403 dscfm	458	12.7	7.6
324C2R4	Multiple	6517 dscfm	461	12.6	7.7
324C2R5	Multiple	6755 dscfm	465	13	10
324C2R6	Multiple	6763 dscfm	471	13.3	9.8
324C2R7	Multiple	6846 dscfm	470	12.5	3.1
324C3R1	Multiple	6590 dscfm	462	11.8	8.9
324C3R2	Multiple	6641 dscfm	460	11.6	7.3
324C3R3	Multiple	6471 dscfm	465	11.2	7.7
324C3R4	Multiple	6532 dscfm	463	10	8.4
324C3R5	Multiple	6276 dscfm	474	12.5	10
324C3R6	Multiple	6434 dscfm	471	12.9	7.8
324C3R7	Multiple	6226 dscfm	457	12.6	10.9
324C4R1	Multiple	6430 dscfm	463	12	8.7
324C4R2	Multiple	6561 dscfm	466	12.6	5.8
324C4R3	Multiple	6561 dscfm	462	12.6	8.2
324C4R4	Multiple	6424 dscfm	465	13.2	8
324C4R5	Multiple	6199 dscfm	468	13.2	9.9
324C4R6	Multiple	6357 dscfm	473	12.3	9.1
324C4R7	Multiple	5931 dscfm	469	12.2	13.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: AMERICAN CYANAMID
2. STATE: MO
3. CITY: HANNIBAL EPA ID: MOD050226075 REGION: 7
4. EP ID: 805 DEVICE NAME: TRANE/BRULE SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/QS/VS/ES/PBS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ALL DEVICES Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
805C1R1	Multiple	10233 dscfm	185	5.8	58.4
805C1R2	Multiple	10013 dscfm	187	10.8	60.1
805C1R3	Multiple	11341 dscfm	185	5.1	57.5
805C2R1	Multiple	9477 dscfm	208	5.4	64.5
805C2R2	Multiple	10334 dscfm	187	3.4	60.6
805C2R3	Multiple	10377 dscfm	188	4.4	60.8

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: AMOCO OIL CO.
2. STATE: IN
3. CITY: WHITING EPA ID: IND000810861 REGION: 5
4. EP ID: 806 DEVICE NAME: FLUIDIZED BED SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/VS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: FLUIDIZED BED Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 62 Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
806C1R1	Multiple	19682 dscfm	155	14	.2
806C1R2	Multiple	17890 dscfm	155	13.2	.2
806C1R3	Multiple	18220 dscfm	155	13.7	.2
806C2R1	Multiple	17800 dscfm	153	14.6	.2
806C2R2	Multiple	16094 dscfm	148	13.8	.2
806C2R3	Multiple	16713 dscfm	150	14.5	.2

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 110 Stack Diameter (in): 42

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
325A1R1	Dioxin & Furan	20430 dscfm	98	15	3.9
325A1R2	Dioxin & Furan	22050 dscfm	99	13.2	4
325A1R3	Dioxin & Furan	22660 dscfm	99	13.6	4.6
325A2R1	Dioxin & Furan	21230 dscfm	101	13.3	4.6
325A2R2	Dioxin & Furan	21140 dscfm	97	14.4	3.8
325A2R3	Dioxin & Furan	22650 dscfm	97	13.5	3.9
325C1R1	Multiple	22633 dscfm	90	12.3	3.7
325C1R2	Multiple	21681 dscfm	78	11.8	6.8
325C1R3	Multiple	23721 dscfm	88	10.5	4
325C2R1	Multiple	22031 dscfm	77	12.2	1.6
325C2R2	Multiple	22015 dscfm	80	11.9	3.4
325C2R3	Multiple	23030 dscfm	69	12.2	1.8
325C3R1	Multiple	22818 dscfm	73	10.6	2
325C3R2	Multiple	26266 dscfm	77	11.8	2.3
325C3R3	Multiple	25190 dscfm	123	11.8	11.5
325C3R4	Multiple	25193 dscfm	80	11.4	2.8
325C3R5	Multiple	22920 dscfm	81	11.4	3
325C3R6	Multiple	23189 dscfm	78	11.9	2.9
325C4R1	Multiple	19828 dscfm		11.3	
325C4R2	Multiple	19263 dscfm		11.2	
325C4R3	Multiple	20533 dscfm		12.3	
325C5R1	Multiple	18812 dscfm		11.5	
325C5R2	Multiple	19842 dscfm		12.1	
325C5R3	Multiple	17644 dscfm		11.5	
325C6R1	Multiple	19860 dscfm		11.6	
325C6R2	Multiple	21039 dscfm		11.6	
325C6R3	Multiple	19121 dscfm		12.6	
325C7R1	Multiple	20023 dscfm		10.5	
325C7R2	Multiple	21024 dscfm		12.3	
325C7R3	Multiple	21210 dscfm		11.9	
325C8R1	THC & CO	21990 dscfm	100	14.7	4.5
325C8R2	Multiple	21210 dscfm	100	13	4.6
325C8R3	Multiple	21210 dscfm	100	13	4.8
325C8R4	Halogens	22790 dscfm	95	13.3	5.5
325C8R5	Halogens	21800 dscfm	92	13.2	5.1
325C8R6	Halogens	22910 dscfm	96	12.9	5.7
325C8R7	Metals	22065 dscfm	92	13.6	3.6
325C8R8	Metals	23560 dscfm	94	13.7	3.6
325C8R9	Metals	22155 dscfm	94	13.4	3.9
325C9R1	Dioxin & Furan	22150 dscfm	102	12.7	4.9
325C9R2	Dioxin & Furan	19880 dscfm	98	12.9	4.4
325C9R3	Dioxin & Furan	21970 dscfm	100	13.5	4.1

Additional ID Information

Process Group: ROTARY KILN Location: SD OUTLET Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
325A1R1	Multiple	11930 dscfm	465	10.8	43.8
325A1R2	Multiple	17150 dscfm	465	11	41.4
325A1R3	Multiple	16380 dscfm	464	10.8	43.1
325A2R1	Dioxin & Furan	16300 dscfm	467	11	42
325A2R2	Multiple	14170 dscfm	467	11.2	40.2
325A2R3	Multiple	17100 dscfm	450	11.1	41.7
325C8R1	Multiple	13500 dscfm	474	10.8	29.2
325C8R2	Dioxin & Furan	15230 dscfm	461	9.9	42.6
325C8R3	Dioxin & Furan	16760 dscfm	448	10.9	40.8
325C8R4	Halogens	17670 dscfm	464	11.1	40.2

1. COMPANY: APTUS
2. STATE: KS
3. CITY: COFFEYVILLE EPA ID: KSD981506025 REGION: 7
4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/IWS

325C8R5	Halogens	16620 dscfm	453	10.8	42.8
325C8R6	Halogens	18700 dscfm	470	11.1	41.5
325C9R1	Multiple	17810 dscfm	419	10.7	42.7
325C9R2	Multiple	14460 dscfm	445	9.9	43.8
325C9R3	Multiple	16260 dscfm	437	10.9	40.9

Additional ID Information

Process Group: ROTARY KILN Location: FF OUTLET Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
325A1R1	Dioxin & Furan	16980 dscfm	444	13.8	34.7
325A1R2	Dioxin & Furan	17690 dscfm	442	11.3	41.8
325A1R3	Dioxin & Furan	17050 dscfm	442	11.2	43.7
325A2R1	Dioxin & Furan	17730 dscfm	440	11.8	41.9
325A2R2	None	15610 dscfm	441	12.1	42.1
325A2R3	Dioxin & Furan	18220 dscfm	433	11.7	41.6
325C8R1	Dioxin & Furan	15850 dscfm	440	12.3	38.1
325C8R2	Dioxin & Furan	16930 dscfm	437	11	42.9
325C8R3	Dioxin & Furan	16760 dscfm	431	10.9	41.3
325C8R4	Halogens	19240 dscfm	438	11.9	40.9
325C8R5	Halogens	17860 dscfm	434	11.5	42.7
325C8R6	Halogens	22350 dscfm	442	12.7	41.1
325C8R7	Metals	17540 dscfm	444	11.5	41.4
325C8R8	Metals	17840 dscfm	439	11.4	40.5
325C8R9	Metals	19120 dscfm	439	12	40.9
325C9R1	Dioxin & Furan	17630 dscfm	406	10.6	42.8
325C9R2	Dioxin & Furan	16920 dscfm	417	11.5	43.3
325C9R3	Dioxin & Furan	18470 dscfm	411	12.1	40.5

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
325A1R1	Multiple	11060 dscfm	2076	10	18.4
325A1R2	Multiple	16170 dscfm	2096	10.4	14.1
325A1R3	Multiple	14640 dscfm	2070	9.6	19.7
325A2R1	Multiple	12700 dscfm	2086	8.2	15.4
325A2R2	Multiple	10740 dscfm	2035	8.1	16
325A2R3	Multiple	14570 dscfm	2037	9.4	15.6
325C8R1	Multiple	11360 dscfm	2093	8.9	13.9
325C8R2	Multiple	13510 dscfm	2098	8.5	17.4
325C8R3	Multiple	14320 dscfm	2072	9.2	12.6
325C8R4	Multiple	15540 dscfm	2029	10.1	16.8
325C8R5	Multiple	14550 dscfm	2031	9	15.2
325C8R6	Multiple	16220 dscfm	2021	12.3	12.3
325C8R7	Metals	15130 dscfm	2118	10	11.3
325C8R8	Metals	16140 dscfm	2122	10.4	12.3
325C8R9	Metals	15470 dscfm	2107	9.9	10.1
325C9R1	Multiple	17460 dscfm	2052	10.5	14.8
325C9R2	Multiple	17100 dscfm	2017	11.6	15.3
325C9R3	Multiple	20320 dscfm	1955	12.9	12.9

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: APTUS
2. STATE: UT
3. CITY: ARAGONITE EPA ID: UTD981552177 REGION: 8
4. EP ID: 327 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: SD/FF/WS/ESP

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 150 Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
327C1R1	Multiple	33819 dscfm	143	10.2	22.8
327C1R2	Multiple	32180 dscfm	145	9.6	25.6
327C1R3	Multiple	31978 dscfm	146	9.9	23.6
327C2R1	Multiple	34098 dscfm	146	10.1	23
327C2R2	Multiple	31466 dscfm	144	9.1	24.4
327C2R3	Multiple	30942 dscfm	145	8.8	24.4
327C3R1	Multiple	31476 dscfm	149	8.6	26.6
327C3R2	Multiple	33565 dscfm	146	9.7	25.6
327C3R3	Multiple	33028 dscfm	147	11.2	26.7
327C4R1	Dioxin & Furan	24056 dscfm	155	10.4	27.6
327C4R2	Dioxin & Furan	20467 dscfm	157	10.4	30.6
327C4R3	Dioxin & Furan	26832 dscfm	154	10.4	28.2
327C5R1	Dioxin & Furan	26045 dscfm	149	10	27.3
327C5R2	Dioxin & Furan	24875 dscfm	149	10	24.6
327C5R3	Dioxin & Furan	27338 dscfm	150	10	23.1

Additional ID Information

Process Group: ROTARY KILN Location: SD OUTLET Phase: GAS

Stack Information

Stack Height (ft): 150 Stack Diameter (in): 84

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
327C4R1	Dioxin & Furan	28126 dscfm	435	11.5	42.4
327C4R2	Dioxin & Furan	28308 dscfm	449	10.9	42
327C4R3	Dioxin & Furan	28268 dscfm	382	10.9	44.8
327C5R1	Dioxin & Furan	29747 dscfm	461	11.3	40.5
327C5R2	Dioxin & Furan	28401 dscfm	460	10.9	43.5
327C5R3	Dioxin & Furan	31384 dscfm	400	11.5	44.5

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ARISTECH CHEMICAL
2. STATE: CA
3. CITY: COLTON EPA ID: CAD091933895 REGION: 9
4. EP ID: 703 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 22 Stack Diameter (in): 16

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
703C1R1	Multiple	840 dscfm	382	9	20.4
703C1R2	Multiple	940 dscfm	405	9.5	19.2
703C1R3	Multiple	840 dscfm	433	9.2	19.1
703C2R1	Multiple	860 dscfm	435	8.6	24.8
703C2R2	Multiple	860 dscfm	435	8.1	24.3
703C2R3	Multiple	920 dscfm	430	8	24

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ASHLAND CHEMICAL COMPANY
2. STATE: CA
3. CITY: LOS ANGELES EPA ID: CAD0440046274 REGION: 9
4. EP ID: 704 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: NONE

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 13 Stack Diameter (in): 17

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
704C1R1	Multiple	2080 dscfm	500	10.2	26.3
704C1R2	Multiple	2035 dscfm	498	8	26.2
704C1R3	Multiple	2040 dscfm	498	8.2	25.6
704C2R1	Multiple	2060 dscfm	499	8.6	23.9
704C2R2	Multiple	2160 dscfm	497	10.5	23.4
704C2R3	Multiple	2075 dscfm	498	12.8	23.8

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ATOCHEM
2. STATE: KY
3. CITY: CARROLLTON EPA ID: KYD006373922 REGION: 4
4. EP ID: 359 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/S

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 50 Stack Diameter (in): 30

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
359C1R1	Multiple	9130 dscfm	137	15.9	14.9
359C1R2	Multiple	9080 dscfm	138	15.9	15.3
359C1R3	Multiple	9070 dscfm	139	15.2	15.2
359C1R4	Multiple	9600 dscfm	137	15.3	14.5
359C2R1	Multiple	9500 dscfm	131	14.8	14.8
359C2R2	Multiple	9620 dscfm	130	16.2	13.5
359C2R3	Multiple	9580 dscfm	130	15.1	14.7
359C3R1	Multiple	9470 dscfm	132	14.6	14.8
359C3R2	Multiple	9420 dscfm	132	15.3	15.6
359C3R3	Multiple	9420 dscfm	132	15.2	15.6
359C4R1	THC & CO				
359C4R2	Multiple	11409 dscfm	139	14.1	15.2
359C4R3	Multiple	12125 dscfm	135	12.5	16.2
359C4R4	Multiple	12210 dscfm	139	13.1	15.3
359C5R1	Multiple	11912 dscfm	139	11.9	15.5
359C5R2	Multiple	9971 dscfm	141	11.8	15.9
359C5R3	Multiple	11644 dscfm	136	13.4	15.7
359C5R4	THC & CO				
359C6R1	Multiple	11320 dscfm	139	13.8	16
359C6R2	Multiple	10655 dscfm	132	14.5	16.1
359C6R3	Multiple	11692 dscfm	137	14.1	15.6
359C6R4	THC & CO				

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: BROS LAGOON AND CLEANUP SITE
2. STATE: NJ
3. CITY: BRIDGEPORT EPA ID: NJD890764328 REGION: 2
4. EP ID: 807 DEVICE NAME: MWP-2001 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/WHB/VQ/PT/HS/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
807C1B1	Metals	10304 dscfm	188	8.8	60.8
807C1B2	Metals	8829 dscfm	193	13	64.5
807C1B3	Metals	9068 dscfm	192	13	63.5
807C1R1	Multiple	10692 dscfm	188	10.8	56.6
807C1R2	Multiple	11176 dscfm	190	9.5	57.3
807C1R3	Multiple	8996 dscfm	190	13	63
807C1R4	Halogens	10635 dscfm	190	10.6	60.7
807C1R5	Halogens	10690 dscfm	190	9.6	61.2
807C1R6	Halogens	9582 dscfm	191	12	62.1
807C1R7	Particulate	10912 dscfm	188	10.3	59.5
807C1R8	Particulate	10605 dscfm	187	8.8	60.2
807C1R9	Particulate	8371 dscfm	193	12.6	65.5
807C2B1	Particulate	8782 dscfm	194	11.4	68.2
807C2B2	Metals	9762 dscfm	194	12.8	66.7
807C2B3	Metals	8976 dscfm	194	11.3	67.4
807C2B4	Metals	8957 dscfm	195	11.8	68.6
807C2R1	VOC	9630 dscfm	192	12.2	65.7
807C2R2	Multiple	8961 dscfm	194	11.6	67.4
807C2R3	Multiple	8987 dscfm	194	11.5	66.2
807C2R4	Multiple	8773 dscfm	195	11.7	67.6
807C2R5	Halogens	9854 dscfm	193	12.3	65.9
807C2R6	Halogens	9154 dscfm	195	11.6	68.1
807C2R7	Halogens	9011 dscfm	195	11.7	67.5
807C2R8	Particulate	9703 dscfm	193	12.3	65.2
807C2R9	Particulate	8580 dscfm	196	11.3	67.8
807C3B1	Particulate	9305 dscfm	195	12.2	67.9
807C3B2	Particulate	9897 dscfm	193	10	66.2
807C3B3	Particulate	10074 dscfm	193	12.4	66.2
807C3B4	Metals	9381 dscfm	195	12.2	67.6
807C3B5	Metals	9951 dscfm	193	10.8	66.8
807C3B6	Metals	9706 dscfm	193	12.4	66.3
807C3R1	VOC	9296 dscfm	195	12.4	67.9
807C3R2	Multiple	9607 dscfm	194	10.8	66.4
807C3R3	Multiple	10036 dscfm	193	10.5	64.7
807C3R4	Multiple	9650 dscfm	193	12.4	66.1
807C3R5	Halogens	9564 dscfm	195	12.5	68.2
807C3R6	Halogens	10260 dscfm	193	10.3	65.4
807C3R7	Halogens	9728 dscfm	193	13.5	66.5

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: BURROUGHS WELLCOME
2. STATE: NC
3. CITY: GREENVILLE EPA NCD047373766 REGION: 4
4. EP ID: 708 DEVICE NAME: McGILL NO 2 INCIN. SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WS/ESP

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 21 Stack Diameter (in): 20

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
708C1R1	Multiple	2143 dscfm	16	14.2	12.2
708C1R2	Multiple	2573 dscfm	168	14.5	12.2
708C1R3	Multiple	2696 dscfm	168	14.4	12.2
708C2R1	Multiple	2824 dscfm	168	13.2	12.2
708C2R2	Multiple	2872 dscfm	166	13.3	12.2
708C2R3	Multiple	2740 dscfm	267	12	12.2
708C3R1	Multiple	2982 dscfm	164	12.2	12.2
708C3R2	Multiple	2974 dscfm	164	12.5	12.2
708C3R3	Multiple	2964 dscfm	163	12.3	12.2

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CARGILL CHEMICAL PRODUCTS DIVISION
2. STATE: CA
3. CITY: LYNWOOD EPA ID: CAD076180843 REGION: 9
4. EP ID: 709 DEVICE NAME: HIRT COMBUSTION ENG. SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: NONE

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
709C1R1	Multiple	1259 dscfm	527	8.8	24.4
709C1R2	Multiple	1264 dscfm	532	9.1	24.8
709C1R3	Multiple	1266 dscfm	527	9.3	24.9
709C1R4	Multiple	1205 dscfm	540	9.6	25.2

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CHEMICAL WASTE MANAGEMENT
2. STATE: IL
3. CITY: CHICAGO EPA ID: ILD000672121 REGION: 5
4. EP ID: 329 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: PT/IWS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 90 Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
329C1R1	Multiple	28381 dscfm	164	8.7	36.1
329C1R2	Multiple	28675 dscfm	166	8.4	37.9
329C1R3	Multiple	29462 dscfm	162	8.4	34.3
329C1R4	Multiple	30563 dscfm	165	8.4	36.9
329C1R6	Multiple	30865 dscfm	152	8.8	33.5
329C1R8	Multiple	28534 dscfm	151	8.6	33.9

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CHEVRON CHEMICAL CO.
2. STATE: CA
3. CITY: RICHMOND EPA ID: CAD043237486 REGION: 9
4. EP ID: 500 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/KOV/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 116 Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
500C1R1	Multiple	27038 dscfm	175	3.4	45
500C1R2	Multiple	27703 dscfm	177	3.2	46.6
500C1R3	Multiple	25892 dscfm	174	2.8	44.5
500C1R4	Multiple	21969 dscfm	171	2.7	41.3
500C2R1	Multiple	26611 dscfm	174	3.3	43.9
500C2R2	Multiple	28455 dscfm	171	3.1	40.1
500C2R3	Multiple	26867 dscfm	173	2.8	43.6
500C3R1	Multiple	21936 dscfm	172	2.9	39.4
500C3R2	Multiple	18708 dscfm	171	3.6	40.8
500C3R3	Multiple	21097 dscfm	193	3.3	41
500C4R1	Multiple	13131 dscfm	188	3.3	60.5
500C4R2	Multiple	12955 dscfm	189	3.5	61
500C4R3	Multiple	12637 dscfm	188	3.5	61
500C4R4	VOC				

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CHEVRON CHEMICAL CO.
2. STATE: LA
3. CITY: BELL CHASSE EPA ID: LAD034199802 REGION: 6
4. EP ID: 711 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/VS/AS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ALL DEVICES Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
711C1R1	Multiple	20180 dscfm	175	12.4	45
711C1R2	Multiple	23347 dscfm	169	12.7	40
711C1R3	Multiple	22987 dscfm	170	12.5	41
711C2R1	Multiple	23493 dscfm	169	12	41
711C2R2	Multiple	27770 dscfm	166	12	37
711C2R3	Multiple	29950 dscfm	165	11.7	36
711C2R4	Multiple	32012 dscfm	167	11.3	37
711C2R5	Multiple	30613 dscfm	165	12	36
711C3R1	Multiple	28355 dscfm	171	11.8	42
711C3R2	Multiple	27831 dscfm	170	13.5	41
711C3R3	Multiple	26581 dscfm	174	12.9	44

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CHEVRON CHEMICAL CO.
2. STATE: PA
3. CITY: PHILADELPHIA EPA PAD049791098 REGION: 3
4. EP ID: 504 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: VS/C

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: FLUIDIZED BED Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 22 Stack Diameter (in): 72

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
504C1R1	Multiple	16486 dscfm	162	15.1	32.7
504C1R2	Multiple	16414 dscfm	177	10.9	47.2
504C1R3	Multiple	15818 dscfm	177	10.9	47.1
504C1R4	Multiple	14700 dscfm	176	11.2	46.3
504C1R5	Multiple	17284 dscfm	161	15.1	32.7

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CIBA-GEIGY CORPORATION
2. STATE: AL
3. CITY: McINTOSH EPA ID: ALD001221902 REGION: 4
4. EP ID: 705 DEVICE NAME: MULTIPURPOSE INCINER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/VS/ESP/PT

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 75 Stack Diameter (in): 75

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
705C1R1	Multiple	19850 dscfm	159		36.6
705C1R1	Multiple	18260 dscfm	165		38.8
705C1R1	Multiple	18280 dscfm	161		39.2
705C1R2	Multiple	18650 dscfm	156		39
705C1R2	Multiple	18040 dscfm	160		38.1
705C1R2	Multiple	17580 dscfm	159		41.2
705C1R3	Multiple	19680 dscfm	162		38.2
705C1R3	Multiple	18080 dscfm	160		40.2
705C1R3	Multiple	19030 dscfm	164		37.4
705C2R1	Multiple	18800 dscfm	165		42
705C2R1	Multiple	17500 dscfm	167		41.2
705C2R1	Multiple	17800 dscfm	168		41
705C2R2	Multiple	19340 dscfm	164		38.8
705C2R2	Multiple	18190 dscfm	157		41.8
705C2R2	Multiple	18320 dscfm	163		38.4
705C2R3	Multiple	19420 dscfm	162		40.2
705C2R3	Multiple	17670 dscfm	155		41.9
705C2R3	Multiple	17550 dscfm	161		42.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: CIBA-GEIGY CORPORATION
2. STATE: LA
3. CITY: BATON ROUGE EPA ID: LAD053783445 REGION: 6
4. EP ID: 706 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/HS/C

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID DOWN FIRED Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 107 Stack Diameter (in): 41

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
706C1R1	Multiple	12824 dscfm	185	3.3	
706C1R2	Multiple	13433 dscfm	186	3.4	
706C1R3	Multiple	12855 dscfm	186	3.2	
706C2R1	Multiple	13582 dscfm	183	5.2	
706C2R2	Multiple	13571 dscfm	183	4.9	
706C2R3	Multiple	12435 dscfm	184	4.5	
706C3R1	Multiple	7948 dscfm	178	5.5	
706C3R2	Multiple	8600 dscfm	179	5.9	
706C3R3	Multiple	8293 dscfm	178	5.8	

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: COOK COMPOSITES
2. STATE: WI
3. CITY: PORT WASHINGTON EPA ID: WID980615439 REGION: 5
4. EP ID: 784 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: NONE

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ? Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
784C1R1	Multiple	2449 dscfm	1537	7.7	23.6
784C1R2	Multiple	2900 dscfm	1582	9	18.3
784C1R3	Multiple	2898 dscfm	1594	9	18.4
784C2R1	Multiple	2576 dscfm	1732	5.9	23
784C2R2	Multiple	2808 dscfm	1797	7	19.4
784C2R3	Multiple	2747 dscfm	1793	7.3	19.7

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DEPARTMENT OF ARMY
2. STATE: TT
3. CITY: JOHNSTON ATOLL EPA TT0570090011 REGION: 9
4. EP ID: 344 DEVICE NAME: LIC SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/PT/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 100 Stack Diameter (in): 54

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
344C1R1	Multiple	7655 dscfm	188	13.9	32.4
344C1R2	Multiple	7478 dscfm	188	13	33.2
344C1R3	Multiple	7276 dscfm	191	13.2	35.6
344C1R4	Multiple	7177 dscfm	190	13.1	37
344C2R1	Multiple	7078 dscfm	196	14.6	38.2
344C2R2	Multiple	6866 dscfm	195	14.4	38.5
344C2R3	Multiple	6716 dscfm	198	14.6	38.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DEPARTMENT OF ARMY
2. STATE: TT
3. CITY: JOHNSTON ATOLL EPA ID: TT0570090011 REGION: 9
4. EP ID: 346 DEVICE NAME: DFS SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/QC/VS/PT/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 100 Stack Diameter (in): 54

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
346C1R1	Multiple	11493 dscfm	182	13.9	39.4
346C1R2	Multiple	10919 dscfm	181	13	39.8
346C1R3	Multiple	10598 dscfm	179	13.2	38.4
346C1R4	Multiple	10684 dscfm	182	13.1	39.2

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DEPARTMENT OF ARMY
2. STATE: UT
3. CITY: TOOELE EPA ? REGION: 8
4. EP ID: 347 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: C/QC/VS/S/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
347C1R1	Multiple	4351 dscfm	230	11.3	44.6
347C1R2	Multiple	4437 dscfm	230	11.2	44.9
347C1R3	Multiple	4084 dscfm	230	11.3	44.9
347C1R4	Multiple	4149 dscfm	233	11.6	44.6
347C2R1	Multiple	4232 dscfm	231	11.3	42.8
347C3R1	Multiple	5426 dscfm	221	11.2	43.2
347C3R2	Multiple	5111 dscfm	213	11.4	42.2
347C3R3	Multiple	5053 dscfm	211	11.5	44.1
347C3R4	Multiple	5152 dscfm	213	11.3	44.6
347C4R1	Multiple	4898 dscfm	219	11.2	42

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY EXIT Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
347C1R1	Multiple	3361 dscfm	1847	10	12.6
347C1R2	Multiple	3535 dscfm	1839	10.8	12.5
347C1R3	Multiple	3267 dscfm	1831	10.8	12.4
347C1R4	Multiple	3085 dscfm	1812	11	13.3
347C2R1	Multiple	3414 dscfm	1803	10	9.7
347C3R1	Multiple	4018 dscfm	1840	12.8	11.1
347C3R2	Multiple	3459 dscfm	1841	9.2	12.2
347C3R3	Multiple	3854 dscfm	1857	10.8	12.9
347C3R4	Multiple	3679 dscfm	1834	10.4	11.6
347C4R1	Multiple	3391 dscfm	1832	10.2	10.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DEPARTMENT OF ENERGY
2. STATE: TN
3. CITY: OAK RIDGE EPA TN0890090004 REGION: 4
4. EP ID: 357 DEVICE NAME: K-25 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/PT/IWS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
357C1R1	Multiple	9275 dscfm	174	12.1	44.6
357C1R2	Multiple	9405 dscfm	176	12.1	45.9
357C1R3	Multiple	9509 dscfm	178	11.8	46.1

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
2. STATE: LA
3. CITY: PLAQUEMINE EPA ID: LAD008187080 REGION: 6
4. EP ID: 808 DEVICE NAME: I-300 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/PBS/ESP

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
808C1R1	Multiple	29167 dscfm	136	13.5	16.3
808C1R2	Multiple	26850 dscfm	129	13.3	13.9
808C1R3	Multiple	26717 dscfm	134	13.3	14.1
808C2R1	Multiple	24217 dscfm	144	9.3	20.7
808C2R2	Multiple	24300 dscfm	146	9.8	21.6
808C2R3	Multiple	24183 dscfm	140	10.7	20.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
2. STATE: MI
3. CITY: MIDLAND EPA ID: MID000724724 REGION: 5
4. EP ID: 353 DEVICE NAME: UNIT 703 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/DM/ESP

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
353C1R1	Multiple			11.8	2.3
353C1R2	Multiple			11.1	2.5
353C1R3	Multiple			10.5	2.3
353C1R4	Multiple			10.3	2.6
353C2R1	Multiple			11.9	2.3
353C2R2	Multiple			10.7	1.7
353C2R3	Multiple			11.4	2.5
353C2R4	Multiple			10.2	2.5
353C3R1	Multiple				
353C3R2	Multiple				
353C3R3	Multiple				

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
2. STATE: MI
3. CITY: MIDLAND EPA ID: MID000724724 REGION: 5
4. EP ID: 354 DEVICE NAME: UNIT 830 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/VS/DM/IWS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 200 Stack Diameter (in): 36

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
354C1R1	Multiple	24900 dscfm	75	11.8	2.4
354C1R2	Multiple	24500 dscfm	74	11.5	2.3
354C1R3	Multiple	24600 dscfm	67	12.1	1.7
354C1R4	Multiple	24800 dscfm	69	11.7	1.9
354C2R1	Multiple	25300 dscfm	86	11.1	4
354C2R2	Multiple	25300 dscfm	92	10.8	4.4
354C2R3	Multiple	24500 dscfm	91	11.1	4.1
354C2R4	Multiple	24400 dscfm	88	10.8	3.7
354C3R1	Multiple	25300 dscfm	95	11.7	4.7
354C3R2	Multiple	26200 dscfm	96	11.4	4.7
354C3R3	Multiple	25800 dscfm	92	11.8	4.2
354C3R4	Multiple	25400 dscfm	90	11.7	4.2
354C4R1	Multiple	25900 dscfm	92	11.8	5.5
354C4R2	Multiple	26900 dscfm	96	11.9	6.3
354C4R3	Multiple	25400 dscfm	90	11.1	5.5
354C4R4	Multiple	26200 dscfm	93	11.1	5.8
354C4R5	Multiple	25300 dscfm	92	10.9	5.1

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DOW CHEMICAL CO.
2. STATE: TX
3. CITY: FREEPORT EPA ID: TXD008092793 REGION: 6
4. EP ID: 600 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/QC/PT/IWS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
600C1R1	Multiple	28875 dscfm	131	14.4	15.9
600C1R2	Multiple	28345 dscfm	131	13.6	16
600C1R3	Multiple	29051 dscfm	131	14.1	15.8
600C2R1	Multiple	35582 dscfm	135	13.3	17.8
600C2R2	Multiple	36111 dscfm	136	13.8	17.5
600C2R3	Multiple	36606 dscfm	137	13.3	17.7

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: DE
3. CITY: WILMINGTON EPA ID: DED003930807 REGION: 3
4. EP ID: 700 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: SD/RJS/VS/WS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: FIXED HEARTH Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
700C1R1	Multiple	13914 dscfm	178	10.4	48.4
700C1R2	Multiple	12943 dscfm	178	10.4	47.6
700C1R3	Multiple	13536 dscfm	177	11.1	47.7
700C2R1	Multiple	13685 dscfm	173	11.2	42.7
700C2R2	Multiple	14302 dscfm	172	11	42.4
700C2R3	Multiple	13961 dscfm	173	11	43.1

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: KY
3. CITY: LOUISVILLE EPA KYD003924198 REGION: 4
4. EP ID: 356 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/AS/FN/S/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in): 24

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
356C1R1	Multiple	4469 dscfm	106	7.8	4.6
356C1R2	Multiple	4503 dscfm	110	7.2	4.8
356C1R3	Multiple	4558 dscfm	110	7	4.6

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: LA
3. CITY: LA PLACE EPA ID: LAD001890367 REGION: 6
4. EP ID: 710 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/OS/C/S

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ALL DEVICES Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
710C1R1	Multiple	14384 dscfm		9.6	
710C1R2	Multiple	14231 dscfm		9	
710C1R3	Multiple	14421 dscfm		8.8	
710C2R1	Multiple	14040 dscfm		10.2	
710C2R2	Multiple	14669 dscfm		10.4	
710C2R3	Multiple	14090 dscfm		9.4	
710C3R1	Multiple	14400 dscfm		12.2	
710C3R2	Multiple	14114 dscfm		13.6	
710C3R3	Multiple	14141 dscfm		12.8	

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: NJ
3. CITY: DEEPWATER EPA ID: NJD002385730 REGION: 2
4. EP ID: 339 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: AT/PT/RJS/ESP

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: INCINERATOR Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 85 Stack Diameter (in): 20

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
339C1R1	Multiple	5910 dscfm	62	11.4	2
339C1R2	Multiple	6262 dscfm	67	11.4	2.2
339C1R3	Multiple	6109 dscfm	64	11.4	2.4
339C1R4	Multiple	6234 dscfm	65	11.2	2.2
339C1R5	Multiple	6235 dscfm	66	11	.5
339C1R6	Multiple	6400 dscfm	66	11.2	1.1

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: TX
3. CITY: LA PORTE EPA TXD008079212 REGION: 6
4. EP ID: 350 DEVICE NAME: VINYLS INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: WHB/HE/FF

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in): 36

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
350C1R1	Multiple	7483 dscfm	316	3.7	23.1
350C1R2	Multiple	9283 dscfm	337	5	19.2
350C1R3	Multiple	8950 dscfm	335	4.9	20.7
350C2R1	Multiple	8383 dscfm	315	5.3	22.5
350C2R2	Multiple	8633 dscfm	315	5.1	22
350C2R3	Multiple	8583 dscfm	328	5.5	21.4
350C3R1	Multiple	9233 dscfm	337	7.8	13.6
350C3R2	Multiple	11433 dscfm	330	7.5	13.9
350C3R3	Multiple	9316 dscfm	329	7.2	13.6
350C4R1	Multiple	9066 dscfm	329	8.3	13.9
350C4R2	Multiple	9466 dscfm	330	8.3	13.4
350C4R3	Multiple	9050 dscfm	325	7.6	14.1
350C5R1	Multiple	8250 dscfm	314	7.5	22.1
350C5R2	Multiple	7966 dscfm	312	7.3	23.8
350C5R3	Multiple	8533 dscfm	324	7.2	21.3
350C6R1	Multiple	8183 dscfm	316	8.5	21.1
350C6R2	Multiple	8300 dscfm	312	8.4	21.1
350C6R3	Multiple	8150 dscfm	305	8.2	20.9
350C7R1	Multiple	7033 dscfm	596	9.8	13.6
350C7R2	Multiple				
350C7R3	Multiple	7150 dscfm	580	9.8	11.8
350C7R4	None	7266 dscfm	602	10.2	12.5
350C8R1	Multiple	8833 dscfm	321	10.5	11.7
350C8R2	Multiple	9066 dscfm	315	10.6	11.9
350C8R3	Multiple	8866 dscfm	315	10.6	12.9
350C9R1	Multiple	8483 dscfm	304	10.6	13.1
350C9R2	Multiple	8500 dscfm	310	10.6	12.6
350C9R3	Multiple	8700 dscfm	316	10.7	12.8

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: TX
3. CITY: LA PORTE EPA ID: TXD008079212 REGION: 6
4. EP ID: 702 DEVICE NAME: THF INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/S/C

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
702A1R1	Particulate			7.3	
702A1R2	Particulate			7.8	
702A1R3	Particulate			6.6	
702A2R1	Particulate			6.2	
702A2R2	Particulate			8.6	
702A2R3	Particulate			7.7	
702A3R1	Particulate			6.7	
702A3R2	Particulate			6.6	
702A3R3	Particulate			7.2	
702C1R1	VOC	10400 dscfm		4.4	64.2
702C1R2	VOC	12300 dscfm		4.4	56.2
702C1R3	VOC	11767 dscfm		5	59
702C2R1	VOC	11400 dscfm		8	57.9
702C2R2	VOC	11117 dscfm		9.1	56.9
702C2R3	VOC	10450 dscfm		7.9	57.6
702C3R1	VOC	10267 dscfm		5.7	61.4
702C3R2	VOC	10417 dscfm		8.2	62.1
702C3R3	VOC	10583 dscfm		6.1	61
702C4R1	VOC	9983 dscfm		2.1	64
702C4R2	VOC	9983 dscfm		5.9	64.3
702C4R3	VOC	10367 dscfm		3.6	63.2
702C5R1	VOC	10500 dscfm		8.4	58.2
702C5R2	VOC	10183 dscfm		7.9	58.2
702C5R3	VOC	10500 dscfm		11.2	58.2
702C6R1	Particulate	8650 dscfm		5	63.7
702C6R2	Particulate	6567 dscfm		3.5	63.9
702C6R3	Particulate	8650 dscfm		2.8	64.9
702C6R4	Particulate	8633 dscfm		2.5	64.1
702C7R1	Particulate	8033 dscfm		6	60.2
702C7R2	Particulate	8400 dscfm		7.8	59.2
702C7R3	Particulate	8633 dscfm		3.6	63.8
702C8R1	Particulate	9433 dscfm		6.3	58.7
702C8R2	Particulate	9217 dscfm		5.1	61.3
702C8R3	Particulate	9300 dscfm		5.6	59.6
702C9R1	Particulate	10117 dscfm		6.8	58.9
702C9R2	Particulate	10000 dscfm		6.2	58.9
702C9R3	Particulate	9150 dscfm		6.4	60.7

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: TX
3. CITY: LA PORTE EPA ID: TXD008079212 REGION: 6
4. EP ID: 707 DEVICE NAME: CENTRAL SCRUBBED INC SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/WS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
707A1R1	Multiple	20067 dscfm	185	6.1	58.6
707A1R2	Multiple	19467 dscfm	184	5.8	58.7
707A1R3	Multiple	19133 dscfm	184	6	58.5
707A2R1	Multiple	19250 dscfm	187	8.9	56.8
707A2R2	Multiple	19550 dscfm	184	6.9	57.2
707A2R3	Multiple	19550 dscfm	186	6.3	57.6
707A3R1	Multiple				
707A3R2	Multiple				
707A3R3	Multiple				
707A4R1	Multiple				
707A4R2	Multiple				
707A4R3	Multiple				
707A5R1	Multiple				
707A5R2	Multiple				
707A5R3	Multiple				
707A6R1	Multiple				
707A6R2	Multiple				
707A6R3	Multiple				
707C1R1	Multiple	19350 dscfm	186	4	61.7
707C1R2	Multiple	20250 dscfm	186	5.1	59.1
707C1R3	Multiple	19400 dscfm	187	4.7	60.6
707C2R1	Multiple	19617 dscfm	186	5.3	60.6
707C2R2	Multiple	20450 dscfm	186	5.9	58.5
707C2R3	Multiple	19733 dscfm	187	5.3	60.8
707C3R1	Multiple	7110 dscfm	187	6	60.9
707C3R2	Multiple	20633 dscfm	187	4.6	59.6
707C3R3	Multiple	19350 dscfm	187	4.8	61.3
707C4R1	Multiple	20050 dscfm	184	7.8	56.1
707C4R2	Multiple	20100 dscfm	184	6.3	56.5
707C4R3	Multiple	19633 dscfm	185	5.6	56.6
707C7R1	Multiple	20817 dscfm	186	4.5	60.7
707C7R2	Multiple	20850 dscfm	186	5.5	60.2
707C7R3	Multiple	21383 dscfm	186	5.1	59.7
707C8R1	Multiple	20317 dscfm	186	4.9	59.8
707C8R2	Multiple	19817 dscfm	185	6	60.2
707C8R3	Multiple	19933 dscfm	183	8.3	59.4
707C9R1	Multiple	19833 dscfm	185	6.9	57.8
707C9R2	Multiple	19683 dscfm	184	6.3	59
707C9R3	Multiple	20200 dscfm	184	5.4	59

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: DUPONT
2. STATE: TX
3. CITY: ORANGE EPA ID: TXD008081101 REGION: 6
4. EP ID: 338 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/FF/SS/C/HES/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 175 Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
338C1R1	Multiple	40058 dscfm	167	8.2	27.8
338C1R2	Multiple	42014 dscfm	159	8.5	21.7
338C1R3	Multiple	41590 dscfm	159	8.3	21.6
338C2R1	Multiple	43802 dscfm	155	10.7	23.8
338C2R2	Multiple	42149 dscfm	170	10	24.7
338C2R3	Multiple	44494 dscfm	171	10.6	22.6

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: EASTMAN KODAK
2. STATE: NY
3. CITY: ROCHESTER EPA ID: NYD980592497 REGION: 2
4. EP ID: 915 DEVICE NAME: BUILDING 218 CHI SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/C

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 198 Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
915C1R1	Multiple			12.2	
915C1R2	Multiple			12	
915C1R3	Multiple			11.9	
915C2R1	Multiple			13	
915C2R2	Multiple			14.1	
915C2R3	Multiple			13.4	
915C3R1	Multiple			14.6	
915C3R2	Multiple			14.8	
915C3R3	Multiple			14.9	
915C4R1	Multiple			11.8	
915C4R2	Multiple			12.1	
915C4R3	Multiple			12.4	

5. Type: UNCONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: SECONDARY CHAMBER Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
915C1R1	Halogens				
915C1R2	Halogens				
915C1R3	Halogens				
915C2R1	Halogens				
915C2R2	Halogens				
915C2R3	Halogens				
915C3R1	Halogens				
915C3R2	Halogens				
915C3R3	Halogens				

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ELI LILLY AND COMPANY
2. STATE: IN
3. CITY: CLINTON EPA ID: IND072040348 REGION: 5
4. EP ID: 701 DEVICE NAME: BARTLETT SNOW INCIN. SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: VS/PT

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 100 Stack Diameter (in): 36

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
701C1R1	Multiple	7750 dscfm	75	10.1	2.9
701C1R2	Multiple	7778 dscfm	75	10.1	2.5
701C1R3	Multiple	8017 dscfm	76	10.6	2.8
701C1R4	VOC	7750 dscfm			
701C1R5	VOC	7778 dscfm			
701C1R6	VOC	8017 dscfm			
701C2R1	Multiple	10514 dscfm	77	9.9	2.4
701C2R2	Multiple	10310 dscfm	78	10.4	2.8
701C2R3	Multiple	10546 dscfm	77	10	2.6
701C2R4	VOC	10705 dscfm			
701C2R5	VOC	10310 dscfm			
701C2R6	VOC	10546 dscfm			
701C3R1	Multiple	8268 dscfm	74	11.4	2.8
701C3R2	Multiple	8113 dscfm	75	11.2	1.9
701C3R3	Multiple	8423 dscfm	74	12.6	2.7
701C3R4	THC & CO	8268 dscfm	68		
701C3R5	THC & CO	8113 dscfm	68		
701C3R6	THC & CO	8423 dscfm	68		

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ELI LILLY AND COMPANY
2. STATE: IN
3. CITY: LAFAYETTE EPA ID: IND006050967 REGION: 5
4. EP ID: 358 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QC/VS/C/CT/S/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 100 Stack Diameter (in): 34

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
358C1R1	Multiple	4967 dscfm	188	2.1	59.6
358C1R2	Multiple	4698 dscfm	187	1.7	58.4
358C1R3	Multiple	4764 dscfm	187	1.9	59.2
358C1R4	Multiple	4538 dscfm	187	2	59.5
358C2R1	Multiple	4486 dscfm	186	1.5	59
358C2R2	Multiple	4406 dscfm	186	1.7	58.7
358C2R3	Multiple	4439 dscfm	186	1.9	58.6
358C3R1	Multiple	6458 dscfm	184	5.7	53.1
358C3R2	Multiple	6361 dscfm	185	5.7	53.2
358C3R3	Multiple	6589 dscfm	183	5.7	53.5
358C4R1	Multiple	4661 dscfm	187	2.5	56.7
358C4R2	Multiple	5077 dscfm	188	2.3	57
358C4R3	Multiple	4718 dscfm	187	2.4	57
358C5R1	VOC	4883 dscfm	71	6.7	
358C5R2	VOC	5545 dscfm	71	6.4	
358C5R3	VOC	6763 dscfm	77	6.5	

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: ELI LILLY AND COMPANY
2. STATE: PR
3. CITY: MAYAQUEZ EPA PRD091024786 REGION: 2
4. EP ID: 728 DEVICE NAME: BRULE SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: QT/PT/VS

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: INCINERATOR Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 38 Stack Diameter (in): 20

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
728C1R1	Multiple	4084 dscfm	156	10.3	19.6
728C1R2	Multiple	3941 dscfm	157	10.4	20
728C1R3	Multiple	3915 dscfm	157	10.2	20.6

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: FIRST CHEMICAL CORPORATION
2. STATE: MS
3. CITY: PASCAGOULA EPA ID: MSD033417031 REGION: 4
4. EP ID: 904 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: ?

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: STARVED-AIR Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 180 Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
904C1R1	Multiple	2563 dscfm	364	2.4	16.6
904C1R2	Multiple	2589 dscfm	363	2.6	16.1
904C1R3	Multiple	2686 dscfm	356	2.7	16.4
904C2R1	Multiple	2551 dscfm	357	2.7	15.6
904C2R2	Multiple	2503 dscfm	359	2.4	15
904C2R3	Multiple	2636 dscfm	360	2.4	15.1
904C3R1	Multiple	4328 dscfm	436	2.5	14.2
904C3R2	Multiple	4252 dscfm	450	2.6	14.5
904C3R3	Multiple	4077 dscfm	443	2.8	15.2

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: GENERAL ELECTRIC CO.
2. STATE: MA
3. CITY: PITTSFIELD EPA MAD002084093 REGION: 1
4. EP ID: 330 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: QT/WS/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in): 30

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
330C1B1	Halogens	5138 dscfm	170	9.6	42.3
330C1B2	Halogens	5138 dscfm	170	9.6	42.3
330C1B3	Halogens	5138 dscfm	170	9.6	42.3
330C1R1	Multiple	5050 dscfm	169	9.9	41.4
330C1R2	Multiple	5147 dscfm	168	9.9	41.8
330C1R3	Multiple	5154 dscfm	169	9.7	42.1
330C1R4	Multiple	5218 dscfm	168	10.2	41.6
330C1R5	Multiple	5186 dscfm	169	9.8	42
330C1R6	Multiple	5417 dscfm	169	10.2	41.2
330C1R7	Halogens	5152 dscfm	167	10.1	40.7
330C1R8	Halogens	5152 dscfm	167	10.1	40.7
330C1R9	None	5152 dscfm	167	10.1	40.7
330C2R1	Multiple	4726 dscfm	170	9.5	40.8
330C2R2	Multiple	4669 dscfm	169	10.1	41.4
330C2R3	Multiple	5147 dscfm	170	9.4	40.3
330C2R4	Particulate	5091 dscfm	170	9.6	40.3
330C2R5	Multiple	5040 dscfm	170	9.6	40.4
330C2R6	Multiple	5071 dscfm	170	9.3	40.7

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: GENERAL ELECTRIC CO.
2. STATE: NY
3. CITY: WATERFORD EPA ID: NYD002080034 REGION: 2
4. EP ID: 825 DEVICE NAME: ROTARY KILN INCINER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: CCS/QC/ESP

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
825C1R1	Multiple	20665 dscfm	74	13.5	1.9
825C1R2	Multiple	20960 dscfm	76	13.8	3
825C1R3	Multiple	20175 dscfm	77	13.8	3
825C1R4	Multiple	20120 dscfm	75	13.6	2.8

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: GLAXO INC.
2. STATE: NC
3. CITY: RESEARCH TRIANGLE PARK EPA ID: NCD065655599 REGION: 4
4. EP ID: 341 DEVICE NAME: SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: DA/DI/FF/HEPA/CA

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: FIXED HEARTH Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in): 30

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
341C1R1	Multiple	4276 dscfm		14.9	
341C1R2	Multiple	4350 dscfm			
341C1R3	Multiple	4425 dscfm			
341C2R1	Multiple	4375 dscfm			
341C2R2	Multiple	4463 dscfm			
341C2R3	Multiple	4354 dscfm			

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: IOWA ARMY AMMUNITION PLANT
2. STATE: IA
3. CITY: MIDDLETOWN EPA ID: IA7213820445 REGION: 7
4. EP ID: 351 DEVICE NAME: EWI AFTERBURNER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: GC/C/FF

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 30 Stack Diameter (in): 19

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
351C1R1	Multiple	2648 dscfm	192	16.8	5.7
351C1R2	Multiple	2305 dscfm	186	16.6	6.4
351C1R3	Multiple	2242 dscfm	185	16.5	6.5
351C2R1	Multiple	2387 dscfm	170	17.2	5.7
351C2R2	Multiple	2975 dscfm	176	17.5	6.2
351C2R3	Multiple	3022 dscfm	180	18.1	6
351C3R1	Multiple	2919 dscfm	154	18.1	5.2
351C3R2	Multiple	2346 dscfm	137	17.1	5.1
351C3R3	Multiple	2452 dscfm	142	17.6	5.1
351C4R1	Multiple	3005 dscfm	210	14.2	6.7
351C4R2	Multiple	2998 dscfm	203	14.2	6.5
351C4R3	Multiple	2960 dscfm	206	14.5	6.5

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: IOWA ARMY AMMUNITION PLANT
2. STATE: IA
3. CITY: MIDDLETOWN EPA ID: IA7213820445 REGION: 7
4. EP ID: 727 DEVICE NAME: EWI NO AFTERBURNER SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: GC/C/FF

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
727C1R1	Multiple	2550 dscfm	121	19.2	1.9
727C1R2	Multiple	2467 dscfm	142	19.2	1.8
727C1R3	Multiple	2500 dscfm	153	19.3	1.9
727C2R1	Multiple	2808 dscfm	160	17.2	3.4
727C2R2	Multiple	2742 dscfm	143	17.9	2.6
727C2R3	Multiple	2508 dscfm	147	18.7	1.9

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES
2. STATE: SC
3. CITY: ROEBUCK EPA SCD981467616 REGION: 4
4. EP ID: 209 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: WHB/FF/VQ/PT/DM

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: LIQUID INJECTION Location: STACK Phase: GAS

Stack Information

Stack Height (ft): Stack Diameter (in):

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
209C1R1	Multiple	14660 dscfm	153	9.8	27.1
209C1R2	Multiple	15930 dscfm	152	10.1	26.9
209C1R3	Multiple	15273 dscfm	152	10.2	26.8
209C1R4	Multiple	14969 dscfm	151	9.1	26.4
209C2R1	Multiple	12512 dscfm	154	10.3	27.6
209C2R2	Multiple	12936 dscfm	154	10	27.9
209C2R3	Multiple	13348 dscfm	154	10	27.9
209C2R4	Multiple	13266 dscfm	155	10.3	29
209C3R1	Multiple	16022 dscfm	142	14.7	20.8
209C3R2	Multiple	16499 dscfm	141	15.2	19.2
209C3R3	Multiple	16125 dscfm	139	15.1	19.3
209C4R1	Multiple	11443 dscfm	130	14.9	15.3
209C4R2	Multiple	11364 dscfm	134	14.6	17
209C4R3	Multiple	11519 dscfm	135	14.5	17.5
209C5R1	Multiple	15425 dscfm	141	12	20.2
209C5R2	Multiple	15738 dscfm	142	12	20.6
209C5R3	Multiple	15995 dscfm	142	12.1	20.8
209C6R1	Multiple	14693 dscfm	146	10.5	21.9
209C6R2	Multiple	14402 dscfm	148	10.3	24.4
209C6R3	Multiple	14580 dscfm	149	10.3	24.7
209C7R1	Multiple	15573 dscfm	144	12.7	21.3
209C7R2	Multiple	15797 dscfm	144	12.4	21
209C7R3	Multiple	15940 dscfm	143	12.3	20.6
209C8R1	Multiple	16318 dscfm	140	13.6	19.6
209C8R2	Multiple	15872 dscfm	140	13.4	19.9
209C8R3	Multiple	16315 dscfm	140	12.6	18.9

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: LAKE CITY ARMY AMMUNITION PLANT
2. STATE: MO
3. CITY: INDEPENDENCE EPA ID: MO4213820489 REGION: 7
4. EP ID: 503 DEVICE NAME: BUILDING 97 SYSTEM TYPE: ONSITE INCINERATOR APC SYSTEM: HTHE/ LTHE/ FF

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 5 Stack Diameter (in): 20

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
503C1R1	Multiple	3560 dscfm	235	16.3	5.3
503C1R2	Multiple	3580 dscfm	233	16.5	5.2
503C1R3	Multiple	3494 dscfm	235	16.5	4.8
503C2R1	Multiple	3340 dscfm	230	16	5.3
503C2R2	Multiple	3284 dscfm	233	16.2	5.5
503C2R3	Multiple	3277 dscfm	237	16	5.3

SECTION 5: AIR EMISSION STREAM RATES

1. COMPANY: LWD, INC.
2. STATE: KY
3. CITY: CALVERT CITY EPA ID: KYD088438817 REGION: 4
4. EP ID: 211 DEVICE NAME: UNIT NO. 1 SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYSTEM: FF/S

5. Type: CONTROLLED

6. Description: EMISSIONS

Additional ID Information

Process Group: ROTARY KILN Location: STACK Phase: GAS

Stack Information

Stack Height (ft): 150 Stack Diameter (in): 60

Stream Rates and Properties

7. Run ID	Method	Process Rate	Temp (F)	Oxygen (%)	Moisture (%)
211C1R1	Multiple	26837 dscfm	156	15.7	28.1
211C1R2	Multiple	26632 dscfm	156	15.6	29
211C1R3	Multiple	27008 dscfm	154	15.7	27.9