

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

1. COMPANY: 3M

2. STATE: MN

3. CITY: COTTAGE GROVE EPA MND006172969 REGION: 5

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

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: SECONDARY CHAMBER	Chamber Type: TERTIARY
# of Devices: 1	Manufacturer: ?
Length (ft): 26	Diameter (ft): 10
Surface Area (ft2): 974	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 2042
Refractory Type: REFRACTORY	Staged Combustion: NA
Burner Type: N. AMER NO. 5622	Air Preheat: NA
	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
334C1R1	?	1613	
334C1R2	?	1633	
334C1R3	?	1476	
334C1R4	?	1508	
334C2R1	?	1383	
334C2R2	?	1487	
334C2R3	?	1417	
334C2R4	?	1504	

5. Combustor Type: MIXING CHAMBER

Chamber Specific Design Information

Chamber Name: MIXING CHAMBER	Chamber Type: SECONDARY
# of Devices: 0	Manufacturer:
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.:	Volume (ft3): 4150
Refractory Type: REFRACTORY	Staged Combustion:
Burner Type: NONE	Air Preheat:
	Water Injection: Steam Injection:
Comment: MIXING CHAMBER BETWEEN ROTARY KILN AND SECONDARY CHAMBER	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
334NODATA			

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: DOW
Length (ft): 35	Diameter (ft): 11
Surface Area (ft2): 1414	Length to Diameter: 3
Flue Gas Recirc.: NA	Volume (ft3): 3387
Refractory Type: FIREBRICK	Staged Combustion: NA
Burner Type: 3X N.AMER NO.5622	Air Preheat: NA
	Water Injection: Steam Injection:
Comment: ROTARY KILN W/LIQUID INJECTION	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
334C1R1	?	1873	
334C1R2	?	1890	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

324C3R3	?	2060	
324C3R4	?	2098	
324C3R5	?	2075	
324C3R6	?	2095	
324C3R7	?	2098	
324C4R1	?	2125	
324C4R2	?	2145	
324C4R3	?	2055	
324C4R4	?	2099	
324C4R5	?	2075	
324C4R6	?	2097	
324C4R7	?	2097	

1. COMPANY: AMERICAN CYANAMID

2. STATE: MO

3. CITY: HANNIBAL EPA MOD050226075 REGION: 7

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

5. Combustor Type: CONTROLLED AIR

Chamber Specific Design Information

Chamber Name: 1ST CHAMBER (BRULE)	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: BRULE
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type: ?	Water Injection: Steam Injection:

Comment: BRULE MULTICHAMBER IS 1 OF 2 DEVICES WHICH SHARE 1STACK. TOT BRULE VOL 100 FT3

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
805C1R1	?	1433	
805C1R2	?	1414	
805C1R3	?	1379	
805C2R1	?	1423	
805C2R2	?	1392	
805C2R3	?	1424	

Chamber Specific Design Information

Chamber Name: 2ND CHAMBER (BRULE)	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: BRULE
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type: ?	Water Injection: Steam Injection:

Comment: THIS IS THE 2ND CHAMBER IOF THE .

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
805C1R1	?	1587	
805C1R2	?	1619	
805C1R3	?	1607	
805C2R1	?	1597	
805C2R2	?	1603	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

805C2R3	?	1608	
---------	---	------	--

5. Combustor Type: FIREBOX

Chamber Specific Design Information

Chamber Name: FIREBOX	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: THIMET/COUNTER
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type: TRANE LV-48 VORTEX	Water Injection: Steam Injection:

Comment: THIS IS ONE OF TWO COMBUSTION PROCESSES WHICH BOTH FEED INTO THE SAME STACK.

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
805C1R1	?	1507	
805C1R2	?	1510	
805C1R3	?	1512	
805C2R1	?	1560	
805C2R2	?	1562	
805C2R3	?	1562	

1. COMPANY: AMOCO OIL CO.

2. STATE: IN

3. CITY: WHITING EPA IND000810861 REGION: 5

4. EP ID: 806 DEVICE NAME: FLUIDIZED BED SYSTEM TYPE: ONSITE INCINERATOR APC SYS: C/V5

5. Combustor Type: FLUIDIZED BED

Chamber Specific Design Information

Chamber Name: FBI REACTOR	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: DORR-OLIVER
Length (ft): 40	Diameter (ft): 30
Surface Area (ft2): 3882	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 29405
Refractory Type: VARIETY	Staged Combustion: NA Air Preheat: NA
Burner Type: ?	Water Injection: Steam Injection:

Comment:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
806C1R1	FREEBOARD OFF-GAS	1437	
806C1R2	FREEBOARD OFF-GAS	1460	
806C1R3	FREEBOARD OFF-GAS	1444	
806C2R1	FREEBOARD OFF-GAS	1252	
806C2R2	FREEBOARD OFF-GAS	1342	
806C2R3	FREEBOARD OFF-GAS	1342	

1. COMPANY: APTUS

2. STATE: KS

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

3. CITY: COFFEYVILLE EPA KSD981506025 REGION: 7
 4. EP ID: 325 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: SD/FF/WS/IWS

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: FORD, BACON & DAVIS
Length (ft): 37	Diameter (ft): 16
Surface Area (ft2): 2177	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 7959
Refractory Type: 60% ALUMINA BRICK	Staged Combustion: NA
Burner Type: CONVENTIONAL(MCGILL)	Air Preheat: NA
Comment: RECTANGULAR DESIGN	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
325A1R1	GAS EXIT	2076	
325A1R2	GAS EXIT	2096	
325A1R3	GAS EXIT	2070	
325A2R1	GAS EXIT	2086	
325A2R2	GAS EXIT	2035	
325A2R3	GAS EXIT	2037	
325C1R1	?	2169	
325C1R2	?	2222	
325C1R3	?	2324	
325C2R1	?	2075	
325C2R2	?	2089	
325C2R3	?	2097	
325C3R1	?	2167	
325C3R2	?	2363	
325C3R3	?	2211	
325C3R4	?	2279	
325C3R5	?	2289	
325C3R6	?	2184	
325C4R1	?	2093	
325C4R2	?	2144	
325C4R3	?	2146	
325C5R1	?	2148	
325C5R2	?	2135	
325C5R3	?	2215	
325C6R1	?	2096	
325C6R2	?	2103	
325C6R3	?	2013	
325C7R1	?	2143	
325C7R2	?	2106	
325C7R3	?	2194	
325C8R1	GAS EXIT	2093	
325C8R2	GAS EXIT	2098	
325C8R3	GAS EXIT	2072	
325C9R1	GAS EXIT	2052	
325C9R2	GAS EXIT	2017	
325C9R3	GAS EXIT	1955	

5. Combustor Type: ROTARY KILN

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: FORD, BACON & DAVIS
Length (ft): 32	Diameter (ft): 9
Surface Area (ft2): 1161	Length to Diameter: 3
Flue Gas Recirc.: NA	Volume (ft3): 2474
Refractory Type: ALUMINA BRICK	Staged Combustion: NA
Burner Type: CONVENTIONAL	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
325C1R1	?	1700	
325C1R2	?	1550	
325C1R3	?	1650	
325C2R1	?	1570	
325C2R2	?	1762	
325C2R3	?	1637	
325C3R1	?	1587	
325C3R2	?	1537	
325C3R3	?	1600	
325C3R4	?	1675	
325C3R5	?	1737	
325C3R6	?	1600	
325C4R1	?	1584	6.3
325C4R2	?	1439	6.9
325C4R3	?	1482	5.5
325C5R1	?	1497	6
325C5R2	?	1490	7.4
325C5R3	?	1496	5.5
325C6R1	?	1459	7.1
325C6R2	?	1476	6.6
325C6R3	?	1769	6.7
325C7R1	?	1551	7.1
325C7R2	?	1716	7.8
325C7R3	?	1736	7.6

2. STATE: UT

3. CITY: ARAGONITE EPA UTD981552177 REGION: 8

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

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2): 2911	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 11398
Refractory Type: ?	Staged Combustion: NA
Burner Type: 2 X BURNER	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
327C1R1	?	2090	
327C1R2	?	2091	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

327C1R3	?	2085	
327C2R1	?	2145	
327C2R2	?	2152	
327C2R3	?	2209	
327C3R1	?	2170	
327C3R2	?	2065	
327C3R3	?	2087	
327C4R1	?	2084	7.8
327C4R2	?	2121	7.5
327C4R3	?	2147	7.7
327C5R1	?	2070	7.9
327C5R2	?	2141	7
327C5R3	?	2098	7.4

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft): 40	Diameter (ft): 14
Surface Area (ft ²): 2115	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft ³): 6452
Refractory Type: ?	Staged Combustion: NA
Burner Type: DUEL FUEL+LANCE BRNR	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
327C1R1	?	2099	
327C1R2	?	2114	
327C1R3	?	2185	
327C2R1	?	2060	
327C2R2	?	2140	
327C2R3	?	2095	
327C3R1	?	2185	
327C3R2	?	1996	
327C3R3	?	1920	
327C4R1	?	2066	
327C4R2	?	2146	
327C4R3	?		
327C5R1	?	2080	
327C5R2	?	2161	
327C5R3	?	2069	

1. COMPANY: ARISTECH CHEMICAL

2. STATE: CA

3. CITY: COLTON EPA CAD091933895 REGION: 9

4. EP ID: 703 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB

5. Combustor Type: LIQUID INJECTION

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: ?	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: HIRT COMBUSTION
Length (ft): 14	Diameter (ft): 2
Surface Area (ft2): 116	Length to Diameter: 5
Flue Gas Recirc.: NA	Volume (ft3): 112
Refractory Type: ?	Staged Combustion: NA
Burner Type: ?	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
703C1R1	?	1708	
703C1R2	?	1706	
703C1R3	?	1708	
703C2R1	?	1705	
703C2R2	?	1708	
703C2R3	?	1708	

1. COMPANY: ASHLAND CHEMICAL COMPANY

2. STATE: CA

3. CITY: LOSANGELES EPA CAD0440046274 REGION: 9

4. EP ID: 704 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: NONE

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: ?	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: HIRT COMBUSTION ENG.
Length (ft): 11	Diameter (ft): 2
Surface Area (ft2): 91	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft3): 144
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
704C1R1	GAS EXIT	1734	
704C1R2	GAS EXIT	1729	
704C1R3	GAS EXIT	1738	
704C2R1	GAS EXIT	1709	
704C2R2	GAS EXIT	1704	
704C2R3	GAS EXIT	1721	

1. COMPANY: ATOCHEM

2. STATE: KY

3. CITY: CARROLLTON EPA KYD006373922 REGION: 4

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

5. Combustor Type: ROTARY KILN

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: TRC	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: PROGRESSIVE EQUIP.
Length (ft): 20	Diameter (ft): 7
Surface Area (ft ²): 471	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft ³): 427
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
359C1R1	CHAMBER EXIT	1603	
359C1R2	CHAMBER EXIT	1597	
359C1R3	CHAMBER EXIT	1594	
359C1R4	CHAMBER EXIT	1591	
359C2R1	CHAMBER EXIT	1596	
359C2R2	CHAMBER EXIT	1625	
359C2R3	CHAMBER EXIT	1610	
359C3R1	CHAMBER EXIT	1591	
359C3R2	CHAMBER EXIT	1585	
359C3R3	CHAMBER EXIT	1603	
359C4R1	?	1973	
359C4R2	?	2026	
359C4R3	?	2037	
359C4R4	?	1984	
359C5R1	?	1936	
359C5R2	?	2034	
359C5R3	?	1961	
359C5R4	?	1964	
359C6R1	?	1910	
359C6R2	?	1944	
359C6R3	?	1951	
359C6R4	?	1945	

Chamber Specific Design Information

Chamber Name: TOC	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: PROGRESSIVE EQUIP.
Length (ft): 20	Diameter (ft): 6
Surface Area (ft ²): 421	Length to Diameter: 3
Flue Gas Recirc.: NA	Volume (ft ³): 698
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment: FIXED BOX	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
359C1R1	CHAMBER EXIT	2091	
359C1R2	CHAMBER EXIT	2209	
359C1R3	CHAMBER EXIT	2164	
359C1R4	CHAMBER EXIT	2290	
359C2R1	CHAMBER EXIT	2044	
359C2R2	CHAMBER EXIT	2115	
359C2R3	CHAMBER EXIT	2213	
359C3R1	CHAMBER EXIT	2336	
359C3R2	CHAMBER EXIT	2362	
359C3R3	CHAMBER EXIT	2307	
359C4R1	?	2270	
359C4R2	?	2251	
359C4R3	?	2386	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

359C4R4	?	2363	
359C5R1	?	2354	
359C5R2	?	2317	
359C5R3	?	2338	
359C5R4	?	2252	
359C6R1	?	2464	
359C6R2	?	2341	
359C6R3	?	2283	
359C6R4	?	2340	

1. COMPANY: BROS LAGOON AND CLEANUP SITE

2. STATE: NJ

3. CITY: BRIDGEPORT EPA NJD890764328 REGION: 2

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: MWP-2001	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft): 64	Diameter (ft): 9
Surface Area (ft2): 1824	Length to Diameter: 7
Flue Gas Recirc.: NA	Volume (ft3): 4103
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
	Water Injection:
	Steam Injection:

Comment: SURFACE AREA ENTERED IS THE REFRACTORY SURFACE AREA.

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
807C1B1	?	1453	
807C1B2	?	1476	
807C1B3	?	1474	
807C1R7	?	1456	
807C1R8	?	1455	
807C1R9	?	1464	
807C2B1	?	1526	
807C2B2	?	1521	
807C2B3	?	1459	
807C2B4	?	1527	
807C2R8	?	1467	
807C2R9	?	1525	
807C3B1	?	1435	
807C3B2	?	1441	
807C3B3	?	1447	
807C3B4	?	1427	
807C3B5	?	1461	
807C3B6	?	1447	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: SCC
 # of Devices: 1
 Length (ft): 80
 Surface Area (ft2): 1634
 Flue Gas Recirc.: NA
 Refractory Type: ?
 Burner Type:
 Comment: SURFACE AREA ENTERED IS THE REFRACTORY SURFACE AREA.

Chamber Type: SECONDARY
 Manufacturer: ?
 Diameter (ft): 6
 Length to Diameter: 12
 Volume (ft3): 2655
 Staged Combustion: NA
 Water Injection:
 Air Preheat: NA
 Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
807C1R7	?	2097	
807C1R8	?	2097	
807C1R9	?	2098	
807C2B1	?	2101	
807C2R8	?	2097	
807C2R9	?	2096	
807C3B1	?	2139	
807C3B2	?	2107	
807C3B3	?	2140	

1. COMPANY: BURROUGHSWELLCOME

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 SYS: WS/ESP

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: MCGILL NO. 2
 # of Devices: 1
 Length (ft): 18
 Surface Area (ft2): 396
 Flue Gas Recirc.: NA
 Refractory Type: ?
 Burner Type: ?
 Comment:

Chamber Type: SINGLE
 Manufacturer: MCGILL ENVIRONMENTAL
 Diameter (ft): 7
 Length to Diameter: 2
 Volume (ft3): 692
 Staged Combustion: NA
 Water Injection:
 Air Preheat: NA
 Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
708NODATA			

1. COMPANY: CARGILL CHEMICAL PRODUCTS DIVISION

2. STATE: CA

3. CITY: LYNWOOD EPA CAD076180843 REGION: 9

4. EP ID: 709 DEVICE NAME: HIRT COMBUSTION ENG. SYSTEM TYPE: ONSITE INCINERATOR APC SYS: NONE

5. Combustor Type: L. INJEC/FUME INCINE

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: HIRT COM ENGEERS/HFH Chamber Type: SINGLE
of Devices: 1 Manufacturer: ?
Length (ft): 15 Diameter (ft): 3
Surface Area (ft2): 189 Length to Diameter: 4
Flue Gas Recirc.: NA Volume (ft3): 184
Refractory Type: KAOLITE 2200 HS Staged Combustion: NA Air Preheat: NA
Burner Type: Water Injection: Steam Injection:

Comment: NO CONTROL DEVICES, BUT IT HAS W.H.B.

Chamber Specific Operating Information

Table with 4 columns: 6. Run ID, Measurement Location, Ave Temp (F), Oxygen (%). Rows include 709C1R1 through 709C1R4.

1. COMPANY: CHEMICAL WASTE MANAGEMENT

2. STATE: IL

3. CITY: CHICAGO EPA ILD000672121 REGION: 5

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: KILN Chamber Type: PRIMARY
of Devices: 1 Manufacturer: ?
Length (ft): Diameter (ft):
Surface Area (ft2): Length to Diameter:
Flue Gas Recirc.: NA Volume (ft3):
Refractory Type: ? Staged Combustion: NA Air Preheat: NA
Burner Type: Water Injection: Steam Injection:

Comment:

Chamber Specific Operating Information

Table with 4 columns: 6. Run ID, Measurement Location, Ave Temp (F), Oxygen (%). Rows include 329C1R1 through 329C1R8.

Chamber Specific Design Information

Chamber Name: ? Chamber Type: SECONDARY
of Devices: 1 Manufacturer: ?
Length (ft): Diameter (ft):
Surface Area (ft2): Length to Diameter:
Flue Gas Recirc.: NA Volume (ft3):
Refractory Type: ? Staged Combustion: NA Air Preheat: NA
Burner Type: Water Injection: Steam Injection:

Comment:

Chamber Specific Operating Information

Table with 4 columns: 6. Run ID, Measurement Location, Ave Temp (F), Oxygen (%). Row includes 329C1R1.

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

329C1R2	?	2221	
329C1R3	?	2217	
329C1R4	?	2218	
329C1R6	?	2220	
329C1R8	?	2216	

1. COMPANY: CHEVRON CHEMICAL CO.

2. STATE: CA

3. CITY: RICHMOND EPA CAD043237486 REGION: 9

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: FIREBOX	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: J.T. THORPE
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
500C1R1	CHAMBER EXIT	1806	2.7
500C1R2	CHAMBER EXIT	1815	3
500C1R3	CHAMBER EXIT	1807	2.6
500C1R4	CHAMBER EXIT	1805	2.3
500C2R1	CHAMBER EXIT	1806	2.6
500C2R2	CHAMBER EXIT	1802	2.7
500C2R3	CHAMBER EXIT	1801	2.3
500C3R1	CHAMBER EXIT	1747	2.5
500C3R2	CHAMBER EXIT	1744	2.7
500C3R3	CHAMBER EXIT	1735	2.2
500C4R1	CHAMBER EXIT	1788	
500C4R2	CHAMBER EXIT	1788	
500C4R3	CHAMBER EXIT	1787	
500C4R4	CHAMBER EXIT	1795	

2. STATE: LA

3. CITY: BELL CHASSE EPA LAD034199802 REGION: 6

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

5. Combustor Type: HOR. LIQUID FIRED

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: F-5265	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: JOHN ZINK, INC.
Length (ft): 22	Diameter (ft): 7
Surface Area (ft ²): 548	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft ³): 1100
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:

Comment: THREE CHAMBERS' FLOW PASSES THROUGH A W.H.B.

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
711C1R1	?	1600	7.7
711C1R2	?	1600	8.3
711C1R3	?	1600	11

5. Combustor Type: ROTARY HEARTH

Chamber Specific Design Information

Chamber Name: F-5230	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: BAETLETT SNOW
Length (ft): 13	Diameter (ft): 15
Surface Area (ft ²): 628	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft ³): 2400
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:

Comment: THREE CHAMBERS' FLOW PASSES THROUGH A W.H.B.

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
711C2R1	?	1500	
711C2R2	?	1500	
711C2R3	?	1500	
711C2R4	?	1500	
711C2R5	?	1500	
711C3R1		1500	
711C3R2		1500	
711C3R3		1500	

Chamber Specific Design Information

Chamber Name: F-5250	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: BARTLETT SNOW
Length (ft): 24	Diameter (ft): 9
Surface Area (ft ²): 681	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft ³): 1500
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:

Comment: THREE CHAMBERS' FLOW PASSES THROUGH A W.H.B.

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
711C2R1		1600	4.4
711C2R2		1600	4.5
711C2R3		1600	4.1
711C2R4		1600	3.3
711C2R5		1600	3.7
711C3R1		1600	3.4
711C3R2		1600	3.7
711C3R3		1600	3.7

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

2. STATE: PA

3. CITY: PHILADELPHIA EPA PAD049791098 REGION: 3

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

5. Combustor Type: FLUIDIZED BED

Chamber Specific Design Information

Chamber Name: FLUIDACTOR	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: WALKER PROCESS EQUIP
Length (ft): 44	Diameter (ft): 17
Surface Area (ft2): 2419	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 10583
Refractory Type: ?	Staged Combustion: NA
Burner Type: ?	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
504C1R1	CHAMBER EXIT	1352	
504C1R2	CHAMBER EXIT	1353	
504C1R3	CHAMBER EXIT	1358	
504C1R4	CHAMBER EXIT	1357	
504C1R5	CHAMBER EXIT	1354	

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: AL

3. CITY: McINTOSH EPA ALD001221902 REGION: 4

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: VULCAN IRON WORKS
Length (ft): 45	Diameter (ft): 10
Surface Area (ft2): 1414	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft3): 14137
Refractory Type: CARBON STEEL	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
705C1R1	?	2003	
705C1R2	?	1967	
705C1R3	?	1966	
705C2R1	?	2029	
705C2R2	?	1885	
705C2R3	?	1853	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

344C1R1	?	2676	
344C1R2	?	2705	
344C1R3	?	2721	
344C1R4	?	2730	
344C2R1	?	2701	
344C2R2	?	2701	
344C2R3	?	2699	

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

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft): 32	Diameter (ft): 7
Surface Area (ft2): 721	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft3): 653
Refractory Type: ?	Staged Combustion: NA
Burner Type: DUEL FUEL	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
346C1R1	CHAMBER EXIT	2006	11.1
346C1R2	CHAMBER EXIT	1998	10.8
346C1R3	CHAMBER EXIT	1998	11
346C1R4	CHAMBER EXIT	1998	10.8

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ALLIS CHALMERS
Length (ft): 30	Diameter (ft): 5
Surface Area (ft2): 471	Length to Diameter: 6
Flue Gas Recirc.: NA	Volume (ft3): 589
Refractory Type: NONE	Staged Combustion: NA
Burner Type: DUEL FUEL	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
346C1R1	RETORT BURNER END	1050	13.8
346C1R2	RETORT BURNER END	1049	16.1
346C1R3	RETORT BURNER END	1050	16.5
346C1R4	RETORT BURNER END	1051	17

2. STATE: UT

3. CITY: TOOELE EPA ? REGION: 8

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

5. Combustor Type: ROTARY KILN

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
347NODATA			

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
347C1R1	CHAMBER EXIT	1986	8.5
347C1R2	CHAMBER EXIT	1967	8.6
347C1R3	CHAMBER EXIT	1961	8.4
347C1R4	CHAMBER EXIT	1956	8.9
347C2R1	CHAMBER EXIT	1967	9
347C3R1		1963	7.6
347C3R2		1975	11.2
347C3R3		1953	9.5
347C3R4		1954	9.5
347C4R1		1984	8.2

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 SYS: QC/VS/PT/IWS

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: RK	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: INT. WASTE ENERGY SY
Length (ft): 25	Diameter (ft): 6
Surface Area (ft2): 471	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft3): 702
Refractory Type: SUPERDUTY	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

357C1R1	?	1571	
357C1R2	?	1575	
357C1R3	?	1571	

Chamber Specific Design Information

Chamber Name: SCC	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: INT. WASTE ENERGY SY
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: 2924	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment: COMPRISED OF 3 CHAMBERS	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
357C1R1	?	1876	
357C1R2	?	1880	
357C1R3	?	1878	

1. COMPANY: DOW CHEMICAL CO.

2. STATE: LA

3. CITY: PLAQUEMINE EPA LAD008187080 REGION: 6

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
808C1R1	?	1170	
808C1R2	?	1276	
808C1R3	?	1276	
808C2R1	?	1491	
808C2R2	?	1532	
808C2R3	?	1504	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: SCC	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft ²):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft ³): 7962
Refractory Type: HARD FIRECLAY& INSUL	Staged Combustion: NA Air Preheat: NA
Burner Type: 2 MIXED+1 VENT GAS	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
354C1R1	?	1735	
354C1R2	?	1735	
354C1R3	?	1737	
354C1R4	?	1744	
354C2R1	?	1765	
354C2R2	?	1765	
354C2R3	?	1762	
354C2R4	?	1764	
354C3R1	?	1704	
354C3R2	?	1708	
354C3R3	?	1706	
354C3R4	?	1706	
354C4R1	?	1767	
354C4R2	?	1769	
354C4R3	?	1801	
354C4R4	?	1816	
354C4R5	?	1818	

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft): 60	Diameter (ft): 14
Surface Area (ft ²): 2638	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft ³): 6785
Refractory Type: HIGH DENSITY FIREBRK	Staged Combustion: NA Air Preheat: NA
Burner Type: 2TRI-&1DUEL FUEL	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
354C1R1	?	1641	
354C1R2	?	1661	
354C1R3	?	1616	
354C1R4	?	1614	
354C2R1	?	1477	
354C2R2	?	1483	
354C2R3	?	1452	
354C2R4	?	1470	
354C3R1	?	1377	
354C3R2	?	1377	
354C3R3	?	1389	
354C3R4	?	1369	
354C4R1	?	1564	
354C4R2	?	1566	
354C4R3	?	1558	
354C4R4	?	1564	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

710C1R1	GAS EXIT	1472	
710C1R2	GAS EXIT	1362	
710C1R3	GAS EXIT	1701	
710C2R1	GAS EXIT	1364	
710C2R2	GAS EXIT	1344	
710C2R3	GAS EXIT	1296	
710C3R1	GAS EXIT	1398	
710C3R2	GAS EXIT	1411	
710C3R3	GAS EXIT	1375	

Chamber Specific Design Information

Chamber Name: ?	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft): 18	Diameter (ft): 4
Surface Area (ft2): 254	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft3): 273
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
710C1R1	GAS EXIT	1776	
710C1R2	GAS EXIT	1832	
710C1R3	GAS EXIT	1956	
710C2R1	GAS EXIT	1686	
710C2R2	GAS EXIT	1692	
710C2R3	GAS EXIT	1654	
710C3R1	GAS EXIT	1557	
710C3R2	GAS EXIT	1512	
710C3R3	GAS EXIT	1508	

2. STATE: NJ

3. CITY: DEEPWATER EPA NJD002385730 REGION: 2

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

5. Combustor Type: INCINERATOR

Chamber Specific Design Information

Chamber Name: MULTIPURPOSE INCINER	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2): 503	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 970
Refractory Type: KORUNDAL FIREBRICK	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
339NODATA			

2. STATE: TX

3. CITY: LA PORTE EPA TXD008079212 REGION: 6

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

4. EP ID: 350 DEVICE NAME: VINYL INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/HE/FF

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: COMBUSTION CHAMBER	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: DUPONT
Length (ft):	Diameter (ft):
Surface Area (ft2): 470	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 999
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
350C1R1	?	2088	
350C1R2	?	2084	
350C1R3	?	2084	
350C2R1	?	2095	
350C2R2	?	2106	
350C2R3	?	2084	
350C3R1	?	2129	
350C3R2	?	2118	
350C3R3	?	2125	
350C4R1	?	2102	
350C4R2	?	2102	
350C4R3	?	2120	
350C5R1	?	2093	
350C5R2	?	2098	
350C5R3	?	2102	
350C6R1	?	2075	
350C6R2	?	2075	
350C6R3	?	2075	
350C7R1	?	2066	
350C7R2	?	2066	
350C7R3	?	2066	
350C7R4	?	2075	
350C8R1	?	2104	
350C8R2	?	2102	
350C8R3	?	2102	
350C9R1	?	2089	
350C9R2	?	2091	
350C9R3	?	2086	

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: NORTH INCINERATOR	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: THERMAL MODEL LV-18
Length (ft): 7	Diameter (ft): 2
Surface Area (ft2): 62	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 40
Refractory Type: BRICK & CASTABLE	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment: STAINLEES STEEL INNER SHELLS LINE WITH 9 INCHES OF REFRACTORY.	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
-----------	----------------------	--------------	------------

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

702C1R1	COMBUSTION ZONE	1964	3.8
702C1R2	COMBUSTION ZONE	1932	4.6
702C1R3	COMBUSTION ZONE	1971	6
702C2R1	COMBUSTION ZONE	1980	7.7
702C2R2	COMBUSTION ZONE	1978	7.6
702C2R3	COMBUSTION ZONE	1979	7.6
702C3R1	COMBUSTION ZONE	1752	6
702C3R2	COMBUSTION ZONE	1747	5.9
702C3R3	COMBUSTION ZONE	1746	6
702C4R1	COMBUSTION ZONE	1868	4.1
702C4R2	COMBUSTION ZONE	1868	4.2
702C4R3	COMBUSTION ZONE	1869	4.2
702C5R1	COMBUSTION ZONE	1744	8
702C5R2	COMBUSTION ZONE	1733	8
702C5R3	COMBUSTION ZONE	1743	8
702C6R1	COMBUSTION ZONE	1879	3.2
702C6R2	COMBUSTION ZONE	1897	3
702C6R3	COMBUSTION ZONE	1902	2.9
702C6R4	COMBUSTION ZONE	1896	2.3
702C7R1	COMBUSTION ZONE	1811	3.6
702C7R2	COMBUSTION ZONE	1759	5.4
702C7R3	COMBUSTION ZONE	1792	3.6
702C8R1	COMBUSTION ZONE	1840	6.4
702C8R2	COMBUSTION ZONE	1809	5.2
702C8R3	COMBUSTION ZONE	1861	6
702C9R1	COMBUSTION ZONE	1903	6.9
702C9R2	COMBUSTION ZONE	1873	7.1
702C9R3	COMBUSTION ZONE	1873	5.7

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: CENTRAL SCRUBBED	Chamber Type: SINGLE	
# of Devices: 1	Manufacturer: ?	
Length (ft):	Diameter (ft):	
Surface Area (ft ²):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft ³):	
Refractory Type: ?	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
707A1R1	BREECH	1862	
707A1R2	BREECH	1855	
707A1R3	BREECH	1860	
707A2R1	BREECH	1858	
707A2R2	BREECH	1859	
707A2R3	BREECH	1865	
707A3R1	BREECH	1866	
707A3R2	BREECH	1857	
707A3R3	BREECH	1863	
707A4R1	BREECH	1956	
707A4R2	BREECH	1953	
707A4R3	BREECH	1948	
707A5R1	BREECH	1960	
707A5R2	BREECH	1966	
707A5R3	BREECH	1967	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

707A6R1	BREECH	1757
707A6R2	BREECH	1763
707A6R3	BREECH	1779
707C1R1	BREECH	1849
707C1R2	BREECH	1800
707C1R3	BREECH	1810
707C2R1	BREECH	1874
707C2R2	BREECH	1866
707C2R3	BREECH	1815
707C3R1	BREECH	1868
707C3R2	BREECH	1805
707C3R3	BREECH	1859
707C4R1	BREECH	1862
707C4R2	BREECH	1888
707C4R3	BREECH	1886
707C7R1	BREECH	1798
707C7R2	BREECH	1800
707C7R3	BREECH	1807
707C8R1	BREECH	1867
707C8R2	BREECH	1812
707C8R3	BREECH	1867
707C9R1	BREECH	1864
707C9R2	BREECH	1866
707C9R3	BREECH	1877

3. CITY: ORANGE EPA TXD008081101 REGION: 6

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft ²): 1787	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft ³): 6453
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment: L=39.4 FT/D=14.44 FT	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
338NODATA			

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft ²): 1626	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft ³): 7725
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment: DIMENSIONS = 19' X 19' X 24.1'	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
338C1R1	CHAMBER EXIT	2101	5.6
338C1R2	CHAMBER EXIT	2138	5.4
338C1R3	CHAMBER EXIT	2152	5.3

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

338C2R1	CHAMBER EXIT	1869	7.4
338C2R2	CHAMBER EXIT	1816	7.2
338C2R3	CHAMBER EXIT	1756	7.4

1. COMPANY: EASTMAN KODAK

2. STATE: NY

3. CITY: ROCHESTER EPA NYD980592497 REGION: 2

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

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: SCC	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: DOW
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type: TRANE VORTEX	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
915NODATA			

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: DOW
Length (ft): 35	Diameter (ft): 12
Surface Area (ft2): 1319	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 3958
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type: ?	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
915NODATA			

1. COMPANY: ELI LILLY AND COMPANY

2. STATE: IN

3. CITY: CLINTON EPA IND072040348 REGION: 5

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

5. Combustor Type: AFTERBURNER

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: BARTLETT SNOW
Length (ft): 36	Diameter (ft): 8
Surface Area (ft2): 974	Length to Diameter: 4
Flue Gas Recirc.: NA	Volume (ft3): 2120
Refractory Type: ALUMINA FIREBRICK	Staged Combustion: NA
Burner Type: HAUCK HMC1081	Air Preheat: NA
Comment:	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
701NODATA			

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: MODEL12TUMBLE BURNER	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: BARTLETT SNOW
Length (ft): 16	Diameter (ft): 10
Surface Area (ft2): 542	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 1400
Refractory Type: ALUMINA FIREBRICK	Staged Combustion: NA
Burner Type: N.AMER MAGNA 4295-17	Air Preheat: NA
Comment:	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
701NODATA			

3. CITY: LAFAYETTE EPA IND006050967 REGION: 5

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: FIREBOX	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: JOHN ZINK
Length (ft): 23	Diameter (ft): 6
Surface Area (ft2): 491	Length to Diameter: 3
Flue Gas Recirc.: NA	Volume (ft3): 721
Refractory Type: ALUMINA FIREBRICK	Staged Combustion: NA
Burner Type: J. ZINK HI-30	Air Preheat: NA
Comment:	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
358C5R1	?	1899	
358C5R2	?	1900	
358C5R3	?	1899	

2. STATE: PR

3. CITY: MAYAQUEZ EPA PRD091024786 REGION: 2

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

5. Combustor Type: ?

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

3. CITY: PITTSFIELD EPA MAD002084093 REGION: 1
 4. EP ID: 330 DEVICE NAME: SYSTEM TYPE: COMMERCIAL INCINERATOR APC SYS: QT/WS/DM

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: THERMAL OXIDIZER Chamber Type: SINGLE
 # of Devices: 1 Manufacturer: ?
 Length (ft): Diameter (ft):
 Surface Area (ft2): Length to Diameter:
 Flue Gas Recirc.: NA Volume (ft3):
 Refractory Type: ? Staged Combustion: NA Air Preheat: NA
 Burner Type: Water Injection: Steam Injection:
 Comment:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
330C1R1	?	2150	
330C1R2	?	2150	
330C1R3	?	2150	
330C1R4	?	2150	10.2
330C1R5	?	2150	10.2
330C1R6	?	2150	10.2
330C2R1	?	2150	
330C2R2	?	2150	
330C2R3	?	2150	
330C2R4	?	2150	9.7
330C2R5	?	2150	9.8
330C2R6	?	2150	9.7

2. STATE: NY

3. CITY: WATERFORD EPA NYD002080034 REGION: 2
 4. EP ID: 825 DEVICE NAME: ROTARY KILN INCINER SYSTEM TYPE: ONSITE INCINERATOR APC SYS: CCS/QC/ESP

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN Chamber Type: PRIMARY
 # of Devices: 1 Manufacturer: ?
 Length (ft): Diameter (ft):
 Surface Area (ft2): Length to Diameter:
 Flue Gas Recirc.: NA Volume (ft3):
 Refractory Type: ? Staged Combustion: NA Air Preheat: NA
 Burner Type: Water Injection: Steam Injection:
 Comment:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
825NODATA			

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: SCC	Chamber Type: SECONDARY	
# of Devices: 1	Manufacturer: ?	
Length (ft):	Diameter (ft):	
Surface Area (ft2):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft3):	
Refractory Type: ?	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
825C1R1	UPPER SCC	1742	
825C1R2	UPPER SCC	1681	
825C1R3	UPPER SCC	1657	
825C1R4	UPPER SCC	1688	

1. COMPANY: GLAXO INC.

2. STATE: NC

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

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

5. Combustor Type: FIXED HEARTH

Chamber Specific Design Information

Chamber Name: PRIMARY	Chamber Type: PRIMARY	
# of Devices: 1	Manufacturer: KENNEDY VAN SAUN	
Length (ft): 16	Diameter (ft): 6	
Surface Area (ft2): 330	Length to Diameter: 2	
Flue Gas Recirc.: NA	Volume (ft3): 400	
Refractory Type: CAST CHROME SILICA	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
341C1R1	?	1910	
341C1R2	?	1810	
341C1R3	?	1780	
341C2R1	?	1875	
341C2R2	?	1825	
341C2R3	?	1815	

Chamber Specific Design Information

Chamber Name: SECONDARY	Chamber Type: SECONDARY	
# of Devices: 1	Manufacturer: KENNEDY VAN SAUN	
Length (ft): 14	Diameter (ft): 6	
Surface Area (ft2): 287	Length to Diameter: 2	
Flue Gas Recirc.: NA	Volume (ft3): 426	
Refractory Type: CAST CHROME SILICA	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
341C1R1	?	1970	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

341C1R2	?	2090	
341C1R3	?	2140	
341C2R1	?	1985	
341C2R2	?	2040	
341C2R3	?	2100	

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN EPA IA7213820445 REGION: 7

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
351C1R1	CHAMBER EXIT	787	
351C1R2	CHAMBER EXIT	796	
351C1R3	CHAMBER EXIT	796	
351C2R1	CHAMBER EXIT	614	
351C2R2	CHAMBER EXIT	513	
351C2R3	CHAMBER EXIT	518	
351C3R1	CHAMBER EXIT	580	
351C3R2	CHAMBER EXIT	593	
351C3R3	CHAMBER EXIT	605	
351C4R1	BURNER END OF KILN	1102	
351C4R2	BURNER END OF KILN	1118	
351C4R3	BURNER END OF KILN	1088	

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3): 454
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection:
	Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
351C1R1	?	1411	
351C1R2	?	1477	
351C1R3	?	1465	
351C2R1	?	1435	
351C2R2	?	1399	
351C2R3	?	1401	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

351C3R1	?	1401
351C3R2	?	1414
351C3R3	?	1425
351C4R1	CHAMBER EXIT	1501
351C4R2	CHAMBER EXIT	1501
351C4R3	CHAMBER EXIT	1501

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: EMI	Chamber Type: SINGLE	
# of Devices: 1	Manufacturer: AMMUNITION EQUIPMENT	
Length (ft):	Diameter (ft):	
Surface Area (ft2):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft3):	
Refractory Type: ?	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
727C1R1	LOWEND	955	14.7
727C1R2	LOWEND	961	14.5
727C1R3	LOWEND	953	15
727C2R1	LOWEND	1073	
727C2R2	LOWEND	1128	
727C2R3	LOWEND	987	

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 SYS: WHB/FF/VQ/PT/DM

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: ATOMIZER & VAPORIZER	Chamber Type: PRIMARY	
# of Devices: 1	Manufacturer: ABCO INC.	
Length (ft):	Diameter (ft):	
Surface Area (ft2):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft3): 2500	
Refractory Type: BRICK	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment: TOTAL VOLUME OF PRIMARY AND SECONDARY IS 5016 FT3		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
209C1R1	?	1940	
209C1R2	?	2003	
209C1R3	?	2010	
209C1R4	?	1964	
209C2R1	?	1621	
209C2R2	?	1634	
209C2R3	?	1625	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: DEACTIVATION FURNACE	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft): 20	Diameter (ft): 2
Surface Area (ft2): 157	Length to Diameter: 7
Flue Gas Recirc.: NA	Volume (ft3): 98
Refractory Type: ?	Staged Combustion: NA
Burner Type: DUEL FUEL	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
503C1R1	CHAMBER EXIT	1005	
503C1R2	CHAMBER EXIT	1005	
503C1R3	CHAMBER EXIT	893	
503C2R1	CHAMBER EXIT	926	
503C2R2	CHAMBER EXIT	924	
503C2R3	CHAMBER EXIT	985	

1. COMPANY: LWD, INC.

2. STATE: KY

3. CITY: CALVERT CITY EPA KYD088438817 REGION: 4

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: LWD, INC.
Length (ft): 24	Diameter (ft): 12
Surface Area (ft2): 942	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 2407
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
210NODATA			

Chamber Specific Design Information

Chamber Name: ?	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: LWD, INC.
Length (ft): 34	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3): 17875
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment: 16'W X 16'D	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
210NODATA			

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

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN - UNIT 1	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: LWD, INC.
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3): 1160
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
211NODATA			

Chamber Specific Design Information

Chamber Name: UPCOMER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: LWD, INC.
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3): 2500
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
211NODATA			

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN - UNIT 2	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: LWD, INC.
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3): 630
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
212NODATA			

Chamber Specific Design Information

Chamber Name: ?	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: LWD, INC.
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3): 5612
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
212NODATA			

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

1. COMPANY: MARINE SHALE PROCESSORS, INC.

2. STATE: LA

3. CITY: MORGAN CITY EPA LAD981057706 REGION: 6

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

5. Combustor Type: LWA KILN

Chamber Specific Design Information

Chamber Name: KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2): 8639	Length to Diameter: 25
Flue Gas Recirc.: NA	Volume (ft3): 21598
Refractory Type: BRICK LINED	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
400C1R1	?	2156	6
400C1R2	?	2400	6
400C1R3	?	2250	7

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment: SECONDARY CHAMBER CONSISTS OF TWO THERMAL OXIDIZERS	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
400C1R1	?	1973	6.1
400C1R2	?	1976	6.4
400C1R3	?	1878	7

1. COMPANY: MILES, INC.

2. STATE: WW

3. CITY: NEW MARTINSVILLE EPA WVD056866312 REGION: 3

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

5. Combustor Type: FLUIDIZED BED

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

1. COMPANY: NEPERA

2. STATE: NY

3. CITY: HARRIMAN EPA NYD002014595 REGION: 2

4. EP ID: 712 DEVICE NAME: INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: NONE

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: ? Chamber Type: SINGLE
 # of Devices: 1 Manufacturer: ?
 Length (ft): Diameter (ft):
 Surface Area (ft2): Length to Diameter:
 Flue Gas Recirc.: NA Volume (ft3):
 Refractory Type: ? Staged Combustion: NA Air Preheat: NA
 Burner Type: Water Injection: Steam Injection:

Comment: INCINERATOR'S GAS FLOW PASSES THROUGH A W.H.B.

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
712NODATA			

1. COMPANY: NEW BEDFORD HARBOR SUPERFUND SITE

2. STATE: MA

3. CITY: NEWBEDFORD EPA ? REGION: 1

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: MAIN CHAMBER Chamber Type: PRIMARY
 # of Devices: 1 Manufacturer: ?
 Length (ft): 8 Diameter (ft): 3
 Surface Area (ft2): 85 Length to Diameter: 2
 Flue Gas Recirc.: NA Volume (ft3): 67
 Refractory Type: HIGH ALUMINA CSTBLE Staged Combustion: NA Air Preheat: NA
 Burner Type: Water Injection: Steam Injection:

Comment:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
903C1	GAS EXIT	1516	11.2
903C2	GAS EXIT	1803	9
903C3R1	GAS EXIT	1797	9.3
903C3R2	GAS EXIT	1805	10

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft): 10	Diameter (ft): 3
Surface Area (ft2): 94	Length to Diameter: 3
Flue Gas Recirc.: NA	Volume (ft3): 64
Refractory Type: HIGH ALUMINA CSTBLE	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
903C1	GAS EXIT	2206	6.4
903C2	GAS EXIT	2206	6
903C3R1	GAS EXIT	2206	6.4
903C3R2	GAS EXIT	2206	7

1. COMPANY: OCCIDENTAL CHEMICAL CORP.

2. STATE: NY

3. CITY: NIAGARA FALLS EPA NYD000824482 REGION: 2

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: COMBUSTION CHAMBER	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA
Burner Type:	Air Preheat: NA
Comment:	Water Injection: Steam Injection:

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
348C1R1	CHAMBER EXIT	2331	
348C1R2	CHAMBER EXIT	2340	
348C1R3	CHAMBER EXIT	2341	

1. COMPANY: OLIN CHEMICALS

2. STATE: IL

3. CITY: EAST ALTON EPA ILD006271696 REGION: 5

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

5. Combustor Type: AFTERBURNER

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: UPPER CHAMBER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ENVIR. CONTROL PRDCT
Length (ft): 14	Diameter (ft): 8
Surface Area (ft2): 367	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 734
Refractory Type: 4" INSULATING	Staged Combustion: NA
Burner Type: ECLIPSE 248MVTA	Air Preheat: NA
	Water Injection: Steam Injection:
Comment: OPERATED NEAR STOICHIOMETRY OF 1.5	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
337C1R1	?	1830	10.6
337C1R2	?	1846	9.5
337C1R3	?	1844	8.6
337C1R4	?	1843	9
337C2R1	?	1839	10.1
337C2R2	?	1839	11.3
337C2R3	?	1834	12.2
337C2R4	?	1836	12

5. Combustor Type: STARVED-AIR

Chamber Specific Design Information

Chamber Name: LOWER CHAMBER	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ENVIR. CONTROL PRDTS
Length (ft): 18	Diameter (ft): 8
Surface Area (ft2): 465	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 930
Refractory Type: 2"INSUL+5"HIGH TEMP	Staged Combustion: NA
Burner Type: N. AMER. 6422-6	Air Preheat: NA
	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
337C1R1	?	1943	
337C1R2	?	1875	
337C1R3	?	1842	
337C1R4	?	1828	
337C2R1	?	1781	
337C2R2	?	1752	
337C2R3	?	1758	
337C2R4	?	1777	

2. STATE: LA

3. CITY: LAKE CHARLES EPA LAD008080681 REGION: 6

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

5. Combustor Type: LIQUID INJECTION

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

1. COMPANY: RADFORD ARMY AMMUNITION PLANT

2. STATE: VA

3. CITY: RADFORD EPA VA1210020730 REGION: 3

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

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft): 8	Diameter (ft): 5
Surface Area (ft2): 151	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 214
Refractory Type: SUPERDUTY FIREBRICK	Staged Combustion: NA
Burner Type: ?	Air Preheat: NA
	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
349C1R1	CHAMBER EXIT	1551	
349C1R2	CHAMBER EXIT	1550	
349C1R3	CHAMBER EXIT	1550	
349C2R1	CHAMBER EXIT	1550	
349C2R2	CHAMBER EXIT	1549	
349C2R3	CHAMBER EXIT	1551	
349C3R1	CHAMBER EXIT	1700	
349C3R2	CHAMBER EXIT	1702	
349C3R3	CHAMBER EXIT	1699	
349C4R1	CHAMBER EXIT	1551	
349C4R2	CHAMBER EXIT	1700	
349C4R3	CHAMBER EXIT	1699	

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft): 12	Diameter (ft): 6
Surface Area (ft2): 245	Length to Diameter: 1
Flue Gas Recirc.: NA	Volume (ft3): 398
Refractory Type: FIREBRICK	Staged Combustion: NA
Burner Type: ?	Air Preheat: NA
	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
349C1R1	KILN EXIT BREECHING	1301	
349C1R2	KILN EXIT BREECHING	1300	
349C1R3	KILN EXIT BREECHING	1299	
349C2R1	KILN EXIT BREECHING	1299	
349C2R2	KILN EXIT BREECHING	1299	
349C2R3	KILN EXIT BREECHING	1300	
349C3R1	KILN EXIT BREECHING	1523	
349C3R2	KILN EXIT BREECHING	1524	
349C3R3	KILN EXIT BREECHING	1524	
349C4R1	KILN EXIT BREECHING	1301	
349C4R2	KILN EXIT BREECHING	1525	
349C4R3	KILN EXIT BREECHING	1525	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

1. COMPANY: ROCKY MOUNTAIN ARSENAL

2. STATE: CO

3. CITY: ADAMS COUNTY EPA ? REGION: 8

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

5. Combustor Type: SUBMERGED QUENCH

Chamber Specific Design Information

Chamber Name: SQI	Chamber Type: SINGLE	
# of Devices: 1	Manufacturer: T-THERMAL	
Length (ft):	Diameter (ft):	
Surface Area (ft2):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft3): 1762	
Refractory Type: BRICK	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
902C1R1	THROUGHOUT CHAMBER	1842	3.3
902C1R2	THROUGHOUT CHAMBER	1831	3.7
902C1R3	THROUGHOUT CHAMBER	1835	3.4

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES

2. STATE: LA

3. CITY: BATON ROUGE EPA LAD010395127 REGION: 6

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY	
# of Devices: 1	Manufacturer: ?	
Length (ft):	Diameter (ft):	
Surface Area (ft2):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft3):	
Refractory Type: ?	Staged Combustion: NA	Air Preheat: NA
Burner Type:	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
214C1R1	?	1213	
214C1R2	?	1139	
214C1R3	?	1219	
214C2R1	?	1667	
214C2R2	?	1690	
214C2R3	?	1643	
214C3R1	?	1840	
214C3R2	?	1937	
214C3R3	?	2040	

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: LODDBY	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
216NODATA			

Chamber Specific Design Information

Chamber Name: AFTERBURNER	Chamber Type: TERTIARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
216NODATA			

2. STATE: TX

3. CITY: DEER PARK EPA TX0055141378 REGION: 6

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

5. Combustor Type: ROTARY KILN

Chamber Specific Design Information

Chamber Name: ROTARY KILN	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment: KILN DIA. 14.4 FT.,OPER. 24HR/DAY,7 DAYS/WK.	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
221C1R1	?	1600	
221C1R2	?	1600	
221C1R3	?	1600	
221C2R1	?	1608	
221C2R2	?	1608	
221C2R3	?	1608	
221C3R1	?	1794	
221C3R2	?	1794	
221C3R3	?	1794	
221C4R1	?	2034	
221C4R2	?	2034	
221C4R3	?	2034	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: MAIN CHAMBER	Chamber Type: SECONDARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
331C1R1	?	2068	
331C1R2	?	2069	
331C1R3	?	2078	

1. COMPANY: SHELL OIL CO.

2. STATE: CA

3. CITY: MARTINEZ EPA CAD009164021 REGION: 9

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: RM-17 INCINERATOR	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: JOHN ZINK, INC.
Length (ft): 18	Diameter (ft): 9
Surface Area (ft2): 508	Length to Diameter: 2
Flue Gas Recirc.: NA	Volume (ft3): 1080
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
726C1R1	?	1450	
726C1R2	?	1453	
726C1R3	?	1453	
726C2R1	?	1750	
726C2R2	?	1750	
726C2R3	?	1750	

1. COMPANY: TENNESSEE EASTMAN CO.

2. STATE: TN

3. CITY: KINGSPORT EPA TND003376928 REGION: 4

4. EP ID: 809 DEVICE NAME: NO. 1 ROTARY KILN SYSTEM TYPE: ONSITE INCINERATOR APC SYS: VS

5. Combustor Type: ROTARY KILN

US EPA ARCHIVE DOCUMENT

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: ROTARY KILN NO. 1	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
809NODATA			

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

5. Combustor Type: LIQUID INJECTION

Chamber Specific Design Information

Chamber Name: LIQUID CHEMICAL DEST	Chamber Type: SINGLE
# of Devices: 1	Manufacturer: BIGELOW LIPTAK
Length (ft): 29	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: FIREBRICK	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment: 9.5 FT (H) BY 8.5 FT (W)	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
810NODATA			

1. COMPANY: THERMALKEM

2. STATE: SC

3. CITY: ROCK HILL EPA SCD044442333 REGION: 4

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

5. Combustor Type: FIXED HEARTH

Chamber Specific Design Information

Chamber Name: LOWER CHAMBER	Chamber Type: PRIMARY
# of Devices: 1	Manufacturer: ?
Length (ft):	Diameter (ft):
Surface Area (ft2):	Length to Diameter:
Flue Gas Recirc.: NA	Volume (ft3):
Refractory Type: ?	Staged Combustion: NA Air Preheat: NA
Burner Type:	Water Injection: Steam Injection:
Comment:	

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
332C1R1	?	2409	
332C1R2	?	2349	
332C1R3	?	2376	
332C1R4	?	2502	
332C1R5	?	2586	

SECTION 3: INCINERATOR DESIGN AND OPERATING INFORMATION

Chamber Specific Design Information

Chamber Name: OXIDIZER	Chamber Type: SINGLE	
# of Devices: 1	Manufacturer: JOHN ZINK	
Length (ft): 9	Diameter (ft): 5	
Surface Area (ft2): 162	Length to Diameter: 1	
Flue Gas Recirc.: NA	Volume (ft3): 219	
Refractory Type: ALUMINA+INSULCASTABL	Staged Combustion: NA	Air Preheat: NA
Burner Type: FORCED DRAFT	Water Injection:	Steam Injection:
Comment:		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
229C1R2	CHAMBER EXIT	2069	
229C1R3	CHAMBER EXIT	2069	
229C1R4	CHAMBER EXIT	2083	
229C2R1	CHAMBER EXIT	2053	
229C2R2	CHAMBER EXIT	2041	
229C2R4	CHAMBER EXIT	2055	

1. COMPANY: WASTE TECHNOLOGIES INDUSTRIES

2. STATE: OH

3. CITY: EAST LIVERPOOL EPA OHD980613541 REGION: 5

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

5. Combustor Type: AFTERBURNER

Chamber Specific Design Information

Chamber Name: SCC	Chamber Type: SECONDARY	
# of Devices: 1	Manufacturer: ?	
Length (ft):	Diameter (ft):	
Surface Area (ft2):	Length to Diameter:	
Flue Gas Recirc.: NA	Volume (ft3):	
Refractory Type: ?	Staged Combustion: NA	Air Preheat: NA
Burner Type: ?	Water Injection:	Steam Injection:
Comment: CONTAIN TWO AQEOUS WASTE LANCES		

Chamber Specific Operating Information

6. Run ID	Measurement Location	Ave Temp (F)	Oxygen (%)
222C1R1	?	2168	
222C1R2	?	2197	
222C1R3	?	2156	
222C2R1	?	1810	
222C2R2	?	1800	
222C2R3	?	1796	
222C3R1	?	1835	
222C3R2	?	1828	
222C3R3	?	1847	
222C6R1	AFTER SECONDARY RFG	1596	
222C6R2	AFTER SECONDARY RFG	1626	
222C6R3	AFTER SECONDARY RFG	1666	
222C6R4	AFTER SECONDARY RFG	1726	

5. Combustor Type: ROTARY KILN

US EPA ARCHIVE DOCUMENT

SECTION 4a: ELECTROSTATIC PRECIPITATOR 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: ESP

Design Information

Controls Emissions from: ROTARY KILN	Location: 2
# of Devices: 1	
Manufacturer: ?	Configuration: WET
Plate Area (ft2): 0	Rapping Mechanism:
Number of Fields: 0	Rapping Frequency (cpm): 0
Controller:	SCA (ft2/kacfm): 0
Wire to Plate (in): 0	Resistivity (Ohm-cm): 0e+0
Electrode Spec.:	Gas Conditioning:

Comment:

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
334C1R1	0	0	2.4
334C1R2	0	0	2
334C1R3	0	0	1.7
334C1R4	0	0	1.7
334C2R1	0	0	1.8
334C2R2	0	0	2.1
334C2R3	0	0	1.6
334C2R4	0	0	2

*At ESP temperature

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 SYS: SD/FF/WS/ESP

5. APC Device Type: ESP

Design Information

Controls Emissions from: ROTARY KILN	Location: 4
# of Devices: 1	
Manufacturer: BELTRAN	Configuration: WET
Plate Area (ft2): 9560	Rapping Mechanism:
Number of Fields: 0	Rapping Frequency (cpm): 0
Controller:	SCA (ft2/kacfm): 0
Wire to Plate (in): 0	Resistivity (Ohm-cm): 0e+0
Electrode Spec.: 3/8" DIA. RODS	Gas Conditioning:

Comment:

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
327C1R1	0	120	30

US EPA ARCHIVE DOCUMENT

SECTION 4a: ELECTROSTATIC PRECIPITATOR DESIGN AND OPERATING INFORMATION

327C1R2	0	122	27.5
327C1R3	0	126	24.8
327C2R1	0	119	29.7
327C2R2	0	126	29.5
327C2R3	0	128	28.9
327C3R1	0	123	29.3
327C3R2	0	117	27.8
327C3R3	0	117	28
327C4R1	0	0	41.5
327C4R2	0	0	41.8
327C4R3	0	0	42.1
327C5R1	0	0	41.1
327C5R2	0	0	41.6
327C5R3	0	0	41.7

*At ESP temperature

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/V5/ESP/PT

5. APC Device Type: ESP

Design Information

Controls Emissions from: ROTARY KILN
of Devices: 1

Location: 4

Manufacturer: FLUID IONICS
Plate Area (ft2): 4320
Number of Fields: 1
Controller:

Configuration: WET
Rapping Mechanism:
Rapping Frequency (cpm): 0
SCA (ft2/kacfm): 0
Resistivity (Ohm-cm): 0e+0
Gas Conditioning:

Wire to Plate (in): 0
Electrode Spec.: RIGID ROD

Comment: SINGLE STAGE

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
705C1R1	0	78	0
705C1R2	0	80	0
705C1R3	0	77	0
705C2R1	0	77	0
705C2R2	0	77	0
705C2R3	0	76	0

*At ESP temperature

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: ESP

US EPA ARCHIVE DOCUMENT

SECTION 4a: ELECTROSTATIC PRECIPITATOR DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: ROTARY KILN	Location: 3
# of Devices: 1	
Manufacturer: ?	Configuration: WET
Plate Area (ft2): 0	Rapping Mechanism:
Number of Fields: 2	Rapping Frequency (cpm): 0
Controller:	SCA (ft2/kacfm): 0
Wire to Plate (in): 0	Resistivity (Ohm-cm): 0e+0
Electrode Spec.:	Gas Conditioning:

Comment: PBS BETWEEN STAGES

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
808NODATA	0	0	0

*At ESP temperature

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: ESP

Design Information

Controls Emissions from: ROTARY KILN	Location: 4
# of Devices: 1	
Manufacturer: FLUID IONICS	Configuration: WET
Plate Area (ft2): 0	Rapping Mechanism:
Number of Fields: 0	Rapping Frequency (cpm): 0
Controller:	SCA (ft2/kacfm): 0
Wire to Plate (in): 0	Resistivity (Ohm-cm): 0e+0
Electrode Spec.:	Gas Conditioning:

Comment:

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
353NODATA	0	0	0

*At ESP temperature

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 SYS: AT/PT/RJS/ESP
---------------	--------------	---------------------------------	------------------------

5. APC Device Type: ESP

US EPA ARCHIVE DOCUMENT

SECTION 4a: ELECTROSTATIC PRECIPITATOR DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: INCINERATOR	Location: 4
# of Devices: 1	
Manufacturer: FLUID-IONICS CO.	Configuration: WET
Plate Area (ft2): 0	Rapping Mechanism:
Number of Fields: 0	Rapping Frequency (cpm): 0
Contoller:	SCA (ft2/kacfm): 0
Wire to Plate (in): 0	Resistivity (Ohm-cm): 0e+0
Electrode Spec.:	Gas Conditioning:

Comment:

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
339NODATA	0	0	0

*At ESP temperature

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 SYS: CCS/QC/ESP

5. APC Device Type: ESP

Design Information

Controls Emissions from: ROTARY KILN	Location: 3
# of Devices: 1	
Manufacturer: ?	Configuration: WET
Plate Area (ft2): 0	Rapping Mechanism:
Number of Fields: 0	Rapping Frequency (cpm): 0
Contoller:	SCA (ft2/kacfm): 0
Wire to Plate (in): 0	Resistivity (Ohm-cm): 0e+0
Electrode Spec.:	Gas Conditioning:

Comment:

Operating Information

6. Run ID	Temp (F)	SCA (ft2/kacfm)*	Power (KVA)
825NODATA	0	0	0

*At ESP temperature

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: ESP

SECTION 4a: ELECTROSTATIC PRECIPITATOR DESIGN AND OPERATING INFORMATION

222C4R3	380	0	0
222C4R4	381	0	0
222C4R5	380	0	0
222C6R1	356	0	59
222C6R2	346	0	62.7
222C6R3	364	0	55.4
222C6R4	370	0	61.9

*At ESP temperature

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

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: FF

Design Information

Controls Emissions from: ROTARY KILN Location: 2
 # of Devices: 1
 Manufacturer: PROCEDAIRE Configuration: PULSE JET
 Number of Compart: 4 Cloth Area (ft2): 0
 Number of Bags: 0 Induced: INDUCED
 Fabric Type: TEFLON/FIBERGLASS Air to Cloth Ratio (ft/min): 3.83
 Maintenance Schedule:
 Comment: A/C RATIO WITH 1 COMPARTMENT OFFLINE

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
325NODATA	0	0	0

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: FF

Design Information

Controls Emissions from: ROTARY KILN Location: 2
 # of Devices: 1
 Manufacturer: PROCEDAIR Configuration: PULSE JET
 Number of Compart: 8 Cloth Area (ft2): 42240
 Number of Bags: 0 Induced: INDUCED
 Fabric Type: TEFLON/FIBERGLASS Air to Cloth Ratio (ft/min): 3
 Maintenance Schedule:
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
327C1R1	0	2.3	1.69
327C1R2	0	0	1.67
327C1R3	0	3	1.61
327C2R1	0	4.1	1.71
327C2R2	0	3.3	1.61
327C2R3	0	3.4	1.58
327C3R1	0	0	1.65
327C3R2	0	3.2	1.74
327C3R3	0	2.9	1.74
327C4R1	0	3.1	0
327C4R2	0	2.8	0
327C4R3	0	2.9	0
327C5R1	0	3.7	0
327C5R2	0	3.8	0

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

327C5R3	0	3.9	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: FF

Design Information

Controls Emissions from: ROTARY KILN

Location: 2

of Devices: 1

Manufacturer: MIKRO-PULSAIRE

Configuration:

Number of Compart: 0

Cloth Area (ft2): 3019

Number of Bags: 240

Induced: INDUCED

Fabric Type: GORETEX

Air to Cloth Ratio (ft/min): 0

Maintenance Schedule:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
359C1R1	349	3.6	5.45
359C1R2	354	3.5	5.48
359C1R3	355	3.9	5.47
359C1R4	350	4.8	5.71
359C2R1	348	4.3	5.65
359C2R2	351	4.1	5.66
359C2R3	352	3.9	5.72
359C3R1	354	4.8	5.68
359C3R2	349	4.9	5.67
359C3R3	357	6.2	5.72
359C4R1	400	4.8	0
359C4R2	398	4.8	7.24
359C4R3	399	4.9	7.8
359C4R4	397	4.8	7.75
359C5R1	399	5	7.6
359C5R2	398	7.5	6.38
359C5R3	399	5.2	7.44
359C5R4	399	5.1	0
359C6R1	398	5.6	7.26
359C6R2	400	5.8	6.85
359C6R3	399	5.6	7.47
359C6R4	399	5.8	0

1. COMPANY: DUPONT

2. STATE: TX

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

4. EP ID: 350 DEVICE NAME: VINYL INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/HE/FF

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

5. APC Device Type: FF

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 3

of Devices: 1

Manufacturer: ?

Configuration: REVERSE FLOW

Number of Compart:0

Cloth Area (ft2):2680

Number of Bags:0

Induced: INDUCED

Fabric Type: 15 OZ FELT

Air to Cloth Ratio (ft/min):7.1

Maintenance Schedule:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
350C1R1	694	0	7.94
350C1R2	759	0	9.9
350C1R3	757	0	9.71
350C2R1	754	0	9.28
350C2R2	756	0	9.51
350C2R3	748	0	9.33
350C3R1	756	0	9.19
350C3R2	756	0	11.41
350C3R3	756	0	9.27
350C4R1	750	0	9.01
350C4R2	752	0	9.37
350C4R3	750	0	9.01
350C5R1	748	0	9.04
350C5R2	727	0	8.77
350C5R3	727	0	9.1
350C6R1	745	0	8.83
350C6R2	748	0	8.98
350C6R3	716	0	8.57
350C7R1	0	0	4.95
350C7R2	0	0	0
350C7R3	0	0	4.93
350C7R4	0	0	5.05
350C8R1	741	0	8.49
350C8R2	743	0	8.75
350C8R3	743	0	8.66
350C9R1	730	0	8.21
350C9R2	736	0	8.22
350C9R3	739	0	8.46

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: FF

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: ROTARY KILN Location: 2
 # of Devices: 1
 Manufacturer: ? Configuration: ?
 Number of Compartments: 0 Cloth Area (ft²): 0
 Number of Bags: 0 Induced: INDUCED
 Fabric Type: Air to Cloth Ratio (ft/min): 0
 Maintenance Schedule:
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H ₂ O)	Air to Cloth (ft/min)
338C1R1	423	8.1	0
338C1R2	414	7.4	0
338C1R3	413	6.6	0
338C2R1	414	6.9	0
338C2R2	415	6.8	0
338C2R3	413	8.2	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: FF

Design Information

Controls Emissions from: FIXED HEARTH Location: 3
 # of Devices: 1
 Manufacturer: Configuration: PULSE JET
 Number of Compartments: 0 Cloth Area (ft²): 3875
 Number of Bags: 0 Induced: INDUCED
 Fabric Type: FELTED POLYACRYL Air to Cloth Ratio (ft/min): 0
 Maintenance Schedule:
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H ₂ O)	Air to Cloth (ft/min)
341C1R1	0	0	0
341C1R2	0	0	0
341C1R3	0	0	0
341C2R1	0	0	0
341C2R2	0	0	0
341C2R3	0	0	0

1. COMPANY: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

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

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

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

5. APC Device Type: FF

Design Information

Controls Emissions from: ROTARY KILN	Location: 3
# of Devices: 1	
Manufacturer: ?	Configuration: PULSE JET
Number of Compartments: 0	Cloth Area (ft ²): 1356
Number of Bags: 144	Induced: INDUCED
Fabric Type: NOMEX FELT W/ SI	Air to Cloth Ratio (ft/min): 2
Maintenance Schedule:	
Comment:	

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H ₂ O)	Air to Cloth (ft/min)
351C1R1	219	0	2.66
351C1R2	217	0	2.33
351C1R3	215	0	2.26
351C2R1	210	0	2.37
351C2R2	213	0	2.98
351C2R3	215	0	3.03
351C3R1	205	0	2.86
351C3R2	190	0	2.25
351C3R3	187	0	2.34
351C4R1	277	1	3.32
351C4R2	274	1	3.29
351C4R3	275	1	3.25

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

5. APC Device Type: FF

Design Information

Controls Emissions from: ROTARY KILN	Location: 3
# of Devices: 1	
Manufacturer: ?	Configuration: PULSE JET
Number of Compartments: 0	Cloth Area (ft ²): 1356
Number of Bags: 144	Induced: INDUCED
Fabric Type: NOMEX	Air to Cloth Ratio (ft/min): 2
Maintenance Schedule:	
Comment:	

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H ₂ O)	Air to Cloth (ft/min)
727C1R1	132	1.5	2.15
727C1R2	152	1.8	2.15
727C1R3	163	1.9	2.22
727C2R1	145	8.1	2.46
727C2R2	139	8	2.36
727C2R3	141	5.5	2.15

1. COMPANY: LAIDLAW ENVIRONMENTAL SERVICES

2. STATE: SC

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

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: FF

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
 # of Devices: 1
 Manufacturer: WHEELABRATOR-FRYE Configuration: PULSE JET
 Number of Compart: 3 Cloth Area (ft2): 11200
 Number of Bags: 960 Induced: INDUCED
 Fabric Type: Air to Cloth Ratio (ft/min): 0
 Maintenance Schedule:
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
209C1R1	0	5.6	2.93
209C1R2	0	5.5	3.17
209C1R3	0	5.3	3.03
209C1R4	0	6	2.96
209C2R1	0	4.9	2.51
209C2R2	0	4.8	2.61
209C2R3	0	4.5	2.69
209C2R4	0	5	2.72
209C3R1	0	0	2.94
209C3R2	0	0	2.97
209C3R3	0	0	2.91
209C4R1	0	0	1.97
209C4R2	0	0	1.99
209C4R3	0	0	2.03
209C5R1	0	0	2.81
209C5R2	0	0	2.88
209C5R3	0	0	2.94
209C6R1	0	0	2.74
209C6R2	0	0	2.77
209C6R3	0	0	2.82
209C7R1	0	0	2.88
209C7R2	0	0	2.91
209C7R3	0	0	2.92
209C8R1	0	0	2.95
209C8R2	0	0	2.88
209C8R3	0	0	2.93

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 SYS: HTHE/ LTHE/ FF

5. APC Device Type: FF

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LWA KILN Location: 2
 # of Devices: 3
 Manufacturer: AZTEC MODEL SBH-97 Configuration: ?
 Number of Compart: 1 Cloth Area (ft2): 48786
 Number of Bags: 3960 Induced: INDUCED
 Fabric Type: TEFLON Air to Cloth Ratio (ft/min): 4.9
 Maintenance Schedule:
 Comment: IN PARALLEL

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
400C1R1	390	9.2	3.78
400C1R2	400	9.3	3.78
400C1R3	397	9.7	3.73

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: FF

Design Information

Controls Emissions from: STARVED-AIR Location: 4
 # of Devices: 1
 Manufacturer: INTEREL Configuration: PULSE JET
 Number of Compart: 1 Cloth Area (ft2): 4140
 Number of Bags: 500 Induced: INDUCED
 Fabric Type: NOMEX Air to Cloth Ratio (ft/min): 2.6
 Maintenance Schedule:
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Air to Cloth (ft/min)
337C1R1	401	4.2	3.06
337C1R2	401	3.7	3.81
337C1R3	398	3.1	3.71
337C1R4	399	4.2	3.84
337C2R1	423	7.6	4.2
337C2R2	426	7.4	3.78
337C2R3	427	7.7	3.64
337C2R4	425	8.2	4.09

1. COMPANY: RADFORD ARMY AMMUNITION PLANT

2. STATE: VA

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

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

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

5. APC Device Type: FF

Design Information

Controls Emissions from: ROTARY KILN	Location: 2
# of Devices: 1	
Manufacturer: ZURN	Configuration: PULSE JET
Number of Compartments: 1	Cloth Area (ft ²): 2340
Number of Bags: 156	Induced: INDUCED
Fabric Type: GORETEX	Air to Cloth Ratio (ft/min): 3.05
Maintenance Schedule:	
Comment:	

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H ₂ O)	Air to Cloth (ft/min)
349C1R1	349	4	3.27
349C1R2	350	3.8	2.96
349C1R3	349	3.2	2.95
349C2R1	350	3.5	2.89
349C2R2	350	3.6	3
349C2R3	351	3.8	2.81
349C3R1	351	4.2	3.08
349C3R2	353	4	3.04
349C3R3	352	4	2.89
349C4R1	350	3.1	0
349C4R2	350	3.6	0
349C4R3	350	3.4	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: FF

Design Information

Controls Emissions from: ROTARY KILN	Location: 2
# of Devices: 1	
Manufacturer: ?	Configuration: PULSE JET
Number of Compartments: 2	Cloth Area (ft ²): 4476
Number of Bags: 570	Induced: INDUCED
Fabric Type: FIBERGLASS W/ TEFLON	Air to Cloth Ratio (ft/min): 4
Maintenance Schedule:	
Comment:	

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H ₂ O)	Air to Cloth (ft/min)
333C1R1	0	0	9.65
333C1R2	0	0	9.75
333C1R3	0	0	9.92
333C1R4	0	0	9.52
333C2R1	0	0	9.81
333C2R2	0	0	9.9

US EPA ARCHIVE DOCUMENT

SECTION 4b: FABRIC FILTER DESIGN AND OPERATING INFORMATION

333C2R3	0	0	9.93
333C2R4	0	0	10.05

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

1. COMPANY: AMERICAN CYANAMID

2. STATE: MO

3. CITY: HANNIBAL EPA 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: QT

Design Information

Controls Emissions from: FIREBOX Location: 1
 # of Devices: 1
 Manufacturer: ? Configuration: ?
 Reagent: NONE

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

Design Information

Controls Emissions from: CONTROLLED AIR Location: 1
 # of Devices: 1
 Manufacturer: ? Configuration: ?
 Reagent: SODIUM HYDROXIDE

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

1. COMPANY: ATOCHEM

2. STATE: KY

3. CITY: CARROLLTON EPA KYD006373922 REGION: 4

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

5. APC Device Type: WHB

Design Information

Controls Emissions from: ROTARY KILN Location: 1
 # of Devices: 1
 Manufacturer: ? Configuration:
 Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
359NODATA	0	0	0	0	0

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

3. CITY: McINTOSH EPA 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: QC

Design Information

Controls Emissions from: ROTARY KILN Location: 1
 # of Devices: 1
 Manufacturer: POLYCON/ANNISTON Configuration: ?
 Reagent:
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
705C1R1	179	0	0	0	0
705C1R2	177	0	0	0	0
705C1R3	170	0	0	0	0
705C2R1	170	0	0	0	0
705C2R2	163	0	0	0	0
705C2R3	173	0	0	0	0

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 SYS: QC/VS/PT/DM

5. APC Device Type: QC

Design Information

Controls Emissions from: LIQUID INJECTION Location: 1
 # of Devices: 1
 Manufacturer: ? Configuration:
 Reagent: SCRUBBER BRINE/CLEAR
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
344C1R1	1128	0	0	9.58	0
344C1R2	1158	0	0	9.97	0
344C1R3	1273	0	0	9.45	0
344C1R4	1296	0	0	9.14	0
344C2R1	808	0	0	9.27	0
344C2R2	811	0	0	9.25	0
344C2R3	815	0	0	9.27	0

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

5. APC Device Type: QT

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: AFTERBURNER
 # of Devices: 1
 Manufacturer: ?
 Reagent: SCRUBBER BRINE
 Comment:

Location: 2
 Configuration:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
346C1R1	1575	0	0	11.3	0
346C1R2	1553	0	0	11	0
346C1R3	1540	0	0	10.55	0
346C1R4	1572	0	0	10.6	0

2. STATE: UT

3. CITY: TOOELE EPA ? REGION: 8

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

5. APC Device Type: QT

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer:
 Reagent:
 Comment:

Location: 2
 Configuration:

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 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: QC

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:
 Comment:

Location: 1
 Configuration:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
357C1R1	183	0	0	0	0
357C1R2	180	0	0	0	0

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

357C1R3	179	0	0	0	0
---------	-----	---	---	---	---

1. COMPANY: DOW CHEMICAL CO.

2. STATE: MI

3. CITY: MIDLAND EPA 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: QC

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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: QC

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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

2. STATE: TX

3. CITY: FREEPORT EPA TXD008092793 REGION: 6

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

5. APC Device Type: QC

Design Information

Controls Emissions from: ROTARY KILN

Location: 2

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

Operating Information

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

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

600NODATA	0	0	0	0	0
-----------	---	---	---	---	---

5. APC Device Type: WHB

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 1

Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
600NODATA	0	0	0	0	0

1. COMPANY: DUPONT

2. STATE: KY

3. CITY: LOUISVILLE EPA KYD003924198 REGION: 4

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

5. APC Device Type: QC

Design Information

Controls Emissions from: LIQUID INJECTION
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 1

Configuration:

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

2. STATE: LA

3. CITY: LA PLACE EPA LAD001890367 REGION: 6

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

5. APC Device Type: QC

Design Information

Controls Emissions from: LIQUID INJECTION
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 1

Configuration: ?

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	-9	0	0	0

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

710C1R2	0	-8	0	0	0
710C1R3	0	-8	0	0	0
710C2R1	0	-8	0	0	0
710C2R2	0	-8	0	0	0
710C2R3	0	-8	0	0	0
710C3R1	0	-8	0	0	0
710C3R2	0	-8	0	0	0
710C3R3	0	-6	0	0	0

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
710NODATA	0	0	0	0	0

2. STATE: TX

3. CITY: LA PORTE EPA TXD008079212 REGION: 6

4. EP ID: 350 DEVICE NAME: VINYL INCINERATOR SYSTEM TYPE: ONSITE INCINERATOR APC SYS: WHB/HE/FF

5. APC Device Type: HE

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 2

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
350NODATA	0	0	0	0	0

5. APC Device Type: WHB

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
350NODATA	0	0	0	0	0

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

5. APC Device Type: QT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

Comment: CAPACIT: 30,000 GALLONS

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: QC

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

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 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: QC

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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: EASTMAN KODAK

2. STATE: NY

3. CITY: ROCHESTER EPA 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: QC

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: BOILER

Location: 1

of Devices: 1

Manufacturer: C&H COMBUSTION

Configuration:

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
915NODATA	0	0	0	0	0

1. COMPANY: ELI LILLY AND COMPANY

2. STATE: IN

3. CITY: LAFAYETTE EPA 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: QC

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment: W/ FIXED THROAT VENTURI

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 PRD091024786 REGION: 2

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

5. APC Device Type: QT

Design Information

Controls Emissions from: INCINERATOR

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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	1.6	0
728C1R2	0	0	0	1.5	0
728C1R3	0	0	0	1.5	0

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

1. COMPANY: GENERAL ELECTRIC CO.

2. STATE: NY

3. CITY: WATERFORD EPA 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: QC

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 2

Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
825C1R1	171	0	0	0	0
825C1R2	174	0	0	0	0
825C1R3	178	0	0	0	0
825C1R4	178	0	0	0	0

1. COMPANY: GLAXO INC.

2. STATE: NC

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

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

5. APC Device Type: DA

Design Information

Controls Emissions from: FIXED HEARTH
 # of Devices: 1
 Manufacturer:
 Reagent:

Location: 1

Configuration:

Comment: RECIRCULATION CHAMBER WITH FGR

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: IOWA ARMY AMMUNITION PLANT

2. STATE: IA

3. CITY: MIDDLETOWN EPA IA7213820445 REGION: 7

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

5. APC Device Type: GC

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 2
 Manufacturer: ?
 Reagent:

Location: 1

Configuration: INDIRECT

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
351C1R1	708	0	0	0	0
351C1R2	706	0	0	0	0
351C1R3	704	0	0	0	0
351C2R1	702	0	0	0	0
351C2R2	719	0	0	0	0
351C2R3	754	0	0	0	0
351C3R1	716	0	0	0	0
351C3R2	700	0	0	0	0
351C3R3	700	0	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: GC

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 1

Configuration: INDIRECT

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
727C1R1	374	0	0	0	0
727C1R2	412	0	0	0	0
727C1R3	466	0	0	0	0
727C2R1	407	0	0	0	0
727C2R2	428	0	0	0	0
727C2R3	457	0	0	0	0

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 SYS: WHB/FF/VQ/PT/DM

5. APC Device Type: WHB

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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

1. COMPANY: LAKE CITY ARMY AMMUNITION PLANT

2. STATE: MO

3. CITY: INDEPENDENCE

EPA MO4213820489

REGION: 7

4. EP ID: 503 DEVICE NAME: BUILDING 97

SYSTEM TYPE: ONSITE INCINERATOR

APC SYS:

HTHE/ LTHE/ FF

5. APC Device Type: HTHE

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 2

Manufacturer: ?

Configuration: HORIZONTAL

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
503C1R1	773	0	0	0	0
503C1R2	772	0	0	0	0
503C1R3	770	0	0	0	0
503C2R1	784	0	0	0	0
503C2R2	788	0	0	0	0
503C2R3	770	0	0	0	0

5. APC Device Type: LTHE

Design Information

Controls Emissions from: ROTARY KILN

Location: 2

of Devices: 2

Manufacturer: ?

Configuration: HORIZONTAL

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
503C1R1	321	0	0	0	0
503C1R2	321	0	0	0	0
503C1R3	320	0	0	0	0
503C2R1	321	0	0	0	0
503C2R2	323	0	0	0	0
503C2R3	317	0	0	0	0

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

1. COMPANY: MILES, INC.

2. STATE: WW

3. CITY: NEW MARTINSVILLE EPA WVD056866312 REGION: 3

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

5. APC Device Type: WHB

Design Information

Controls Emissions from: FLUIDIZED BED Location: 1

of Devices: 1

Manufacturer: ? Configuration:

Reagent:

Comment:

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 IAD005273594 REGION: 7

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

5. APC Device Type: QC

Design Information

Controls Emissions from: LIQUID INJECTION Location: 1

of Devices: 1

Manufacturer: ? Configuration:

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
906C1R1	150	0	0	0	0
906C1R2	154	0	0	0	0
906C1R3	154	0	0	0	0
906C1R4	149	0	0	0	0
906C2R1	158	0	0	0	0
906C2R2	157	0	0	0	0
906C2R3	159	0	0	0	0
906C2R4	159	0	0	0	0
906C3R1	154	0	0	0	0
906C3R2	152	0	0	0	0
906C3R3	154	0	0	0	0
906C4R1	159	0	0	0	0
906C4R2	159	0	0	0	0
906C4R3	156	0	0	0	0
906C5R1	160	0	0	0	0

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

906C5R2	159	0	0	0	0
906C5R3	158	0	0	0	0

1. COMPANY: OCCIDENTAL CHEMICAL CORP.

2. STATE: NY

3. CITY: NIAGARA FALLS EPA NYD000824482 REGION: 2

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

5. APC Device Type: QC

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

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 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: DA

Design Information

Controls Emissions from: STARVED-AIR

Location: 2

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

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

5. APC Device Type: WHB

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: STARVED-AIR

Location: 1

of Devices: 1

Manufacturer: YORK SHIPLEY

Configuration: MODEL HRH1750

Reagent:

Comment: TWO PASS FIRE TUBE BOILER

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

1. COMPANY: PENNWALT CORPORATION

2. STATE: NJ

3. CITY: THOROFARE EPA 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: QT

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
824C1R1	89	0	0	0	0
824C1R2	88	0	0	0	0
824C1R3	90	0	0	0	0

1. COMPANY: PFIZER, INC.

2. STATE: CT

3. CITY: GROTON EPA 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: QC

Design Information

Controls Emissions from: ROTARY HEARTH

Location: 2

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

Comment:

Operating Information

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

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

502C1R1	151	0	0	0	0
502C1R2	153	0	0	0	0
502C1R3	168	0	0	0	0

5. APC Device Type: WHB

Design Information

Controls Emissions from: ROTARY HEARTH

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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

1. COMPANY: RADFORD ARMY AMMUNITION PLANT

2. STATE: VA

3. CITY: RADFORD EPA 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: QC

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent: SCRUBBER BRINE

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
349NODATA	0	0	0	0	0

Design Information

Controls Emissions from: ROTARY KILN

Location: 3

of Devices: 1

Manufacturer: ?

Configuration:

Reagent: WATER

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
349NODATA	0	0	0	0	0

1. COMPANY: ROCKY MOUNTAIN ARSENAL

2. STATE: CO

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

3. CITY: ADAMS COUNTY EPA ? REGION: 8

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

5. APC Device Type: QT

Design Information

Controls Emissions from: SUBMERGED QUENCH Location: 0
 # of Devices: 0
 Manufacturer: Configuration:
 Reagent:
 Comment: BRINE SOLUTION IN QT

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
902NODATA	0	0	0	0	0

1. COMPANY: SHELL OIL CO.

2. STATE: CA

3. CITY: MARTINEZ EPA 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: QC

Design Information

Controls Emissions from: LIQUID INJECTION Location: 1
 # of Devices: 1
 Manufacturer: ? Configuration:
 Reagent:
 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: UPJOHN CO.

2. STATE: MI

3. CITY: KALAMAZOO EPA MID000820381 REGION: 5

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

5. APC Device Type: QC

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 2

Configuration:

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: WHB

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ABCO
 Reagent:

Location: 1

Configuration: WATER TUBE STEAM

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: VULCAN MATERIALS CO.

2. STATE: KS

3. CITY: WICHITA EPA KSD007482029 REGION: 7

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

5. APC Device Type: WHB

Design Information

Controls Emissions from: LIQUID INJECTION
 # of Devices: 1
 Manufacturer: ?
 Reagent:

Location: 1

Configuration:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
229C1R2	479	0	0	0	0
229C1R3	489	0	0	0	0
229C1R4	497	0	0	0	0
229C2R1	508	0	0	0	0
229C2R2	509	0	0	0	0
229C2R4	514	0	0	0	0

1. COMPANY: ZENECA

US EPA ARCHIVE DOCUMENT

SECTION 4c: QUENCH DESIGN AND OPERATING INFORMATION

2. STATE: NJ

3. CITY: BAYONNE EPA NJD001707944 REGION: 2

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

5. APC Device Type: QT

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration:

Reagent:

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 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

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: VS

Design Information

Controls Emissions from: FIREBOX
 # of Devices: 1
 Manufacturer: ?
 Reagent: WATER

Location: 2

Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
805C1R1	0	58.5	0	0	0
805C1R2	0	58	0	0	0
805C1R3	0	59	0	0	0
805C2R1	0	53	0	0	0
805C2R2	0	58	0	0	0
805C2R3	0	58	0	0	0

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: VS

Design Information

Controls Emissions from: FLUIDIZED BED
 # of Devices: 1
 Manufacturer: COMBUSTION EQ ASSOC.
 Reagent: CAUSTIC

Location: 2

Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
806C1R1	0	21	0	0	0
806C1R2	0	21	0	0	0
806C1R3	0	21	0	0	0
806C2R1	0	17	0	0	0
806C2R2	0	16	0	0	0
806C2R3	0	16	0	0	0

1. COMPANY: BURROUGHS WELLCOME

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

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: VS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 1
 # of Devices: 1
 Manufacturer: Configuration: FIXED THROAT
 Reagent:
 Comment: 70"WC DESIGN

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: 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: VS

Design Information

Controls Emissions from: LIQUID INJECTION Location: 2
 # of Devices: 1
 Manufacturer: ? Configuration: VARIABLE THROAT
 Reagent: LIME OR CAUSTIC
 Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
500C1R1	191	70.1	0	8.25	0
500C1R2	192	67.1	0	8.15	0
500C1R3	191	80.1	0	8.18	0
500C1R4	196	61.8	0	7.56	0
500C2R1	178	80.1	0	8.13	0
500C2R2	190	80.9	0	7.43	0
500C2R3	190	75.1	0	7.54	0
500C3R1	187	63.5	0	7.59	0
500C3R2	187	67.9	0	7.77	0
500C3R3	199	79.3	0	7.7	0
500C4R1	0	0	0	8.76	0
500C4R2	0	0	0	8.82	0
500C4R3	0	0	0	9	0
500C4R4	0	0	0	8.86	0

2. STATE: LA

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

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: VS

Design Information

Controls Emissions from: ALL DEVICES

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
711C1R1	0	14	0	0	0
711C1R2	0	14	0	0	0
711C1R3	0	14	0	0	0
711C2R1	0	15	0	0	0
711C2R2	0	20	0	0	0
711C2R3	0	25	0	0	0
711C2R4	0	25	0	0	0
711C2R5	0	25	0	0	0
711C3R1	0	25	0	0	0
711C3R2	0	25	0	0	0
711C3R3	0	25	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: VS

Design Information

Controls Emissions from: FLUIDIZED BED

Location: 2

of Devices: 1

Manufacturer: DUCONCO.

Configuration: VARIABLE THROAT

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
504C1R1	161	45.4	0	0	0
504C1R2	171	49.1	0	0	0
504C1R3	176	50.7	0	0	0
504C1R4	176	49.5	0	0	0
504C1R5	160	51.1	0	0	0

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: AL

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

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

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

5. APC Device Type: VS

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: POLYCON
 Reagent:

Location: 2

Configuration: VARIABLE THROAT

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	23	0	0	0
705C1R2	0	23	0	0	0
705C1R3	0	23	0	0	0
705C2R1	0	22.8	0	0	0
705C2R2	0	21.6	0	0	0
705C2R3	0	22.6	0	0	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: VS

Design Information

Controls Emissions from: LIQUID INJECTION
 # of Devices: 1
 Manufacturer: ?
 Reagent: CAUSTIC BRINE

Location: 2

Configuration: VARIABLE THROAT

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
344C1R1	171	28	0	9.01	0
344C1R2	172	30	0	9	0
344C1R3	178	26	0	8.79	0
344C1R4	181	24.9	0	8.89	0
344C2R1	184	31.9	0	9.55	0
344C2R2	180	32	0	9.34	0
344C2R3	181	32	0	9.28	0

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

5. APC Device Type: VS

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: AFTERBURNER

Location: 3

of Devices: 1

Manufacturer: ?

Configuration: VARIABLE THROAT

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
346C1R1	179	28	0	0	0
346C1R2	177	28.5	0	0	0
346C1R3	178	28	0	0	0
346C1R4	180	29.4	0	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: VS

Design Information

Controls Emissions from: ROTARY KILN

Location: 2

of Devices: 1

Manufacturer: ?

Configuration: VARIABLE THROAT

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
347C1R1	0	28.8	0	0	0
347C1R2	0	30	0	0	0
347C1R3	0	26.1	0	0	0
347C1R4	0	28.1	0	0	0
347C2R1	0	28.7	0	0	0
347C3R1	164	25.3	0	0	0
347C3R2	164	25.3	0	0	0
347C3R3	164	25.1	0	0	0
347C3R4	165	22.2	0	0	0
347C4R1	161	25.2	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: VS

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:
 Comment:

Location: 2

Configuration: ?

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
357C1R1	0	8.7	0	0	0
357C1R2	0	8.5	0	0	0
357C1R3	0	8.5	0	0	0

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 SYS: QC/VS/DM/ESP

5. APC Device Type: VS

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent: WATER
 Comment:

Location: 2

Configuration: VARIABLE THROAT

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: VS

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent:
 Comment:

Location: 3

Configuration: VARIABLE THROAT

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
354C1R1	0	28.2	0	0	0
354C1R2	0	27.3	0	0	0
354C1R3	0	27.8	0	0	0
354C1R4	0	23.8	0	0	0
354C2R1	0	28	0	0	0
354C2R2	0	27.7	0	0	0
354C2R3	0	28.4	0	0	0

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

354C2R4	0	28.4	0	0	0
354C3R1	0	27.5	0	0	0
354C3R2	0	27.4	0	0	0
354C3R3	0	27.2	0	0	0
354C3R4	0	27.2	0	0	0
354C4R1	0	28.7	0	0	0
354C4R2	0	28.8	0	0	0
354C4R3	0	28.7	0	0	0
354C4R4	0	29.9	0	0	0
354C4R5	0	29.7	0	0	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: VS

Design Information

Controls Emissions from: FIXED HEARTH

Location: 3

of Devices: 1

Manufacturer: ANDERSEN

Configuration: VARIABLE THROAT

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
700C1R1	0	36.2	0	0	0
700C1R2	0	36.6	0	0	0
700C1R3	0	36.8	0	0	0
700C2R1	0	36.4	0	0	0
700C2R2	0	36.5	0	0	0
700C2R3	0	36.8	0	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: VS

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: BOILER

Location: 2

of Devices: 1

Manufacturer: AIR POLLUTION IND.

Configuration: VARIABLE THROAT

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
915NODATA	0	0	0	0	0

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 SYS: VS/PT

5. APC Device Type: VS

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 2

Manufacturer: ?

Configuration: ?

Reagent: WATER

Comment: 2 VS IN SERIES, LENGTH IS AVE

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: VS

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 2

of Devices: 1

Manufacturer: ?

Configuration: VARIABLE THROAT

Reagent:

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

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

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

5. APC Device Type: VS

Design Information

Controls Emissions from: INCINERATOR

Location: 3

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

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	9.2	0
728C1R2	0	0	0	8.6	0
728C1R3	0	0	0	8.6	0

1. COMPANY: NEW BEDFORD HARBOR SUPERFUND SITE

2. STATE: MA

3. CITY: NEWBEDFORD 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: VS

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: VARIABLE THROAT

Reagent:

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	25	0	0	0
903C2	178	25	0	0	0
903C3R1	178	25	0	0	0
903C3R2	178	25	0	0	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: VS

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION
 # of Devices: 1
 Manufacturer: ?
 Reagent: WATER

Location: 2

Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
824C1R1	0	62	0	0	0
824C1R2	0	62	0	0	0
824C1R3	0	60	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: VS

Design Information

Controls Emissions from: ROTARY HEARTH
 # of Devices: 1
 Manufacturer: ?
 Reagent: SODIUM HYDROXIDE

Location: 4

Configuration: ?

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
502C1R1	0	25.3	0	5.2	0
502C1R2	0	25	0	4.8	0
502C1R3	0	25.1	0	4.8	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: VS

Design Information

Controls Emissions from: ROTARY KILN
 # of Devices: 1
 Manufacturer: ?
 Reagent: SODIUM HYDROXIDE

Location: 1

Configuration: ?

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

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

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: VS

Design Information

Controls Emissions from: SUBMERGED QUENCH Location: 2
 # of Devices: 1
 Manufacturer: ? Configuration: ?
 Reagent:
 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	90	11.6	0	0
902C1R2	0	90	10.8	0	0
902C1R3	0	90	10.8	0	0

1. COMPANY: ROLLINS ENVIRONMENTAL SERVICES

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: HES

Design Information

Controls Emissions from: ROTARY KILN Location: 2
 # of Devices: 2
 Manufacturer: Configuration:
 Reagent: LIME
 Comment: OPPOSED HES

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: 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: VS

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 2

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
726C1R1	0	10	0	0	0
726C1R2	0	10	0	0	0
726C1R3	0	9.9	0	0	0
726C2R1	0	10.4	0	0	0
726C2R2	0	10.7	0	0	0
726C2R3	0	10.4	0	0	0

1. COMPANY: TENNESSEE EASTMAN CO.

2. STATE: TN

3. CITY: KINGSPORT

EPA ID: TND003376928

REGION: 4

4. EP ID: 809 DEVICE NAME: NO. 1 ROTARY KILN SYSTEM TYPE: ONSITE INCINERATOR APC SYS: VS

5. APC Device Type: VS

Design Information

Controls Emissions from: ROTARY KILN

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: ?

Reagent:

Comment:

Operating Information

6. Run ID	Temp (F)	Pressure Drop (in. H2O)	Liquid to Gas (gal/kacf)	PH	Reagent to Gas (lb/kacf)
809C1R1	0	49.8	0	3.17	0
809C1R2	0	50.5	0	3.54	0
809C1R3	0	50.6	0	3.21	0
809C2R1	0	50.1	0	3.29	0
809C2R2	0	50	0	3.51	0
809C2R3	0	50.7	0	3.38	0

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

5. APC Device Type: VS

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: PEABODY AIR RESOURCE

Configuration: VARIABLE THROAT

Reagent:

Comment:

Operating Information

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

US EPA ARCHIVE DOCUMENT

SECTION 4d: VENTURI SCRUBBER DESIGN AND OPERATING INFORMATION

810C1R1	0	53.7	0	7.01	0
810C1R2	0	53.4	0	6.97	0
810C1R3	0	53.5	0	6.77	0
810C2R1	0	53.2	0	6.15	0
810C2R2	0	52.9	0	6.23	0
810C2R3	0	53.7	0	6.16	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: VS

Design Information

Controls Emissions from: ROTARY KILN

Location: 4

of Devices: 1

Manufacturer: CEILCOTE

Configuration: ?

Reagent: WATER

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: VS

Design Information

Controls Emissions from: LIQUID INJECTION

Location: 1

of Devices: 1

Manufacturer: ?

Configuration: FIXED THROAT

Reagent:

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	30.3	0	0	0
905C1R2	0	28.7	0	0	0
905C1R3	0	28.4	0	0	0

US EPA ARCHIVE DOCUMENT