

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CHEVRON CHEMICAL CO.

2. STATE: LA

3. CITY: BELL CHASSE

EPA ID: LAD034199802

REGION: 6

4. EP ID: 711 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: C/V/S/AS

5. Type: CONTROLLED

6. Description: EMISSIONS

Process Group: ALL DEVICES

Location: STACK

Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	711C1R1	7.41e-1 ppmv 7%O2	5.20e-2 lbs/hr	CC7%O2
HCl	711C1R2	7.14e-1 ppmv 7%O2	5.60e-2 lbs/hr	CC7%O2
HCl	711C1R3	7.21e-1 ppmv 7%O2	5.70e-2 lbs/hr	CC7%O2
HCl	711C2R1	6.55e-1 ppmv 7%O2	5.60e-2 lbs/hr	CC7%O2
HCl	711C2R2	8.31e-1 ppmv 7%O2	8.40e-2 lbs/hr	CC7%O2
HCl	711C2R3	8.87e-1 ppmv 7%O2	1.00e-1 lbs/hr	CC7%O2
HCl	711C2R4	0.00e+0	0.00e+0	
HCl	711C2R5	0.00e+0	0.00e+0	
HCl	711C3R1	8.15e-1 ppmv 7%O2	8.60e-2 lbs/hr	CC7%O2
HCl	711C3R2	9.83e-1 ppmv 7%O2	8.30e-2 lbs/hr	CC7%O2
HCl	711C3R3	9.64e-1 ppmv 7%O2	8.40e-2 lbs/hr	CC7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	711C1R1	1.80e-2 gr/dscf 7%O2	1.92e+0 lbs/hr	CE
Particulate	711C1R2	1.80e-2 gr/dscf 7%O2	2.14e+0 lbs/hr	CE
Particulate	711C1R3	2.90e-2 gr/dscf 7%O2	3.47e+0 lbs/hr	CE
Particulate	711C2R1	0.00e+0	0.00e+0	
Particulate	711C2R2	0.00e+0	0.00e+0	
Particulate	711C2R3	2.20e-2 gr/dscf 7%O2	3.76e+0 lbs/hr	CE
Particulate	711C2R4	2.30e-2 gr/dscf 7%O2	4.38e+0 lbs/hr	CE
Particulate	711C2R5	4.90e-2 gr/dscf 7%O2	8.28e+0 lbs/hr	CE
Particulate	711C3R1	4.50e-2 gr/dscf 7%O2	7.20e+0 lbs/hr	CE
Particulate	711C3R2	4.50e-2 gr/dscf 7%O2	5.76e+0 lbs/hr	CE
Particulate	711C3R3	3.90e-2 gr/dscf 7%O2	5.15e+0 lbs/hr	CE

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
CO	711C1R1	1.47e+1 ppmv 7%O2	7.91e-1 lbs/hr	CE7%O2
CO	711C1R2	1.69e+0 ppmv 7%O2	1.02e-1 lbs/hr	CE7%O2
CO	711C1R3	8.24e+0 ppmv 7%O2	5.01e-1 lbs/hr	CE7%O2
CO	711C2R1	2.02e+1 ppmv 7%O2	1.33e+0 lbs/hr	CE7%O2
CO	711C2R2	1.40e+1 ppmv 7%O2	1.09e+0 lbs/hr	CE7%O2
CO	711C2R3	2.11e+1 ppmv 7%O2	1.83e+0 lbs/hr	CE7%O2
CO	711C2R4	2.31e+1 ppmv 7%O2	2.23e+0 lbs/hr	CE7%O2
CO	711C2R5	1.40e+1 ppmv 7%O2	1.20e+0 lbs/hr	CE7%O2
CO	711C3R1	9.14e+0 ppmv 7%O2	7.41e-1 lbs/hr	CE7%O2
CO	711C3R2	1.49e+1 ppmv 7%O2	9.70e-1 lbs/hr	CE7%O2
CO	711C3R3	2.08e+1 ppmv 7%O2	1.39e+0 lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Toluene	711C1R1	2.95e+2 ng/dscm 7%O2	1.37e-5 lbs/hr	CE7%O2
Toluene	711C1R2	8.16e+1 ng/dscm 7%O2	4.23e-6 lbs/hr	CE7%O2
Toluene	711C1R3	1.21e+1 ng/dscm 7%O2	6.34e-7 lbs/hr	CE7%O2
Toluene	711C2R1	2.37e+1 ng/dscm 7%O2	1.34e-6 lbs/hr	CE7%O2
Toluene	711C2R2	1.12e+3 ng/dscm 7%O2	7.51e-5 lbs/hr	CE7%O2
Toluene	711C2R3	1.10e+2 ng/dscm 7%O2	8.20e-6 lbs/hr	CE7%O2
Toluene	711C3R1	3.56e+2 ng/dscm 7%O2	2.49e-5 lbs/hr	CE7%O2
Toluene	711C3R2	1.57e+2 ng/dscm 7%O2	8.76e-6 lbs/hr	CE7%O2
Toluene	711C3R3	7.46e+2 ng/dscm 7%O2	4.30e-5 lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CHEVRON CHEMICAL CO.

2. STATE: LA

3. CITY: BELL CHASSE

EPA ID: LAD034199802

REGION: 6

4. EP ID: 711 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: C/VS/AS

Trichloroethene	711C1R1	ND	4.11e+0	ng/dscm	7%O2	1.91e-7	lbs/hr	CE7%O2
Trichloroethene	711C1R2	ND	5.43e+0	ng/dscm	7%O2	2.82e-7	lbs/hr	CE7%O2
Trichloroethene	711C1R3	ND	5.32e+0	ng/dscm	7%O2	2.79e-7	lbs/hr	CE7%O2
Trichloroethene	711C2R1	ND	4.97e+0	ng/dscm	7%O2	2.82e-7	lbs/hr	CE7%O2
Trichloroethene	711C2R2	ND	7.48e+0	ng/dscm	7%O2	5.01e-7	lbs/hr	CE7%O2
Trichloroethene	711C2R3	ND	5.32e+0	ng/dscm	7%O2	3.97e-7	lbs/hr	CE7%O2
Trichloroethene	711C3R1		1.04e+2	ng/dscm	7%O2	7.29e-6	lbs/hr	CE7%O2
Trichloroethene	711C3R2		4.28e+1	ng/dscm	7%O2	2.39e-6	lbs/hr	CE7%O2
Trichloroethene	711C3R3	4	2.40e+1	ng/dscm	7%O2	1.39e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CHEVRON CHEMICAL CO.  
 2. STATE: PA  
 3. CITY: PHILADELPHIA  
 4. EP ID: 504 DEVICE NAME:

EPA ID: PAD049791098  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 3  
 APC SYSTEM: VS/C

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: FLUIDIZED BED Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
HCl	504C1R1	ND	1.30e-1	ppmv 7%O2	5.10e-3 lbs/hr	CC7%O2
HCl	504C1R2		1.80e+0	ppmv 7%O2	1.40e-1 lbs/hr	7%O2
HCl	504C1R3		4.57e+0	ppmv 7%O2	3.00e-1 lbs/hr	7%O2
HCl	504C1R4		6.29e+0	ppmv 7%O2	3.60e-1 lbs/hr	7%O2
HCl	504C1R5		1.07e+1	ppmv 7%O2	3.88e-1 lbs/hr	7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
Antimony	504C1R1	ND	1.42e+0	ug/dscm 7%O2	3.83e-5 lbs/hr	7%O2
Antimony	504C1R2		1.52e+0	ug/dscm 7%O2	6.49e-5 lbs/hr	7%O2
Antimony	504C1R3		2.63e+0	ug/dscm 7%O2	1.07e-4 lbs/hr	7%O2
Antimony	504C1R4	ND	8.57e-1	ug/dscm 7%O2	3.60e-5 lbs/hr	7%O2
Antimony	504C1R5		4.27e+0	ug/dscm 7%O2	1.24e-4 lbs/hr	7%O2
Arsenic	504C1R1	ND	2.14e+0	ug/dscm 7%O2	5.10e-5 lbs/hr	7%O2
Arsenic	504C1R2		1.18e+1	ug/dscm 7%O2	4.99e-4 lbs/hr	7%O2
Arsenic	504C1R3		1.41e+1	ug/dscm 7%O2	5.76e-4 lbs/hr	7%O2
Arsenic	504C1R4		9.71e+0	ug/dscm 7%O2	4.08e-4 lbs/hr	7%O2
Arsenic	504C1R5		2.85e+1	ug/dscm 7%O2	8.20e-4 lbs/hr	7%O2
Barium	504C1R1	ND	8.12e+1	ug/dscm 7%O2	2.04e-3 lbs/hr	7%O2
Barium	504C1R2	ND	4.69e+1	ug/dscm 7%O2	2.00e-3 lbs/hr	7%O2
Barium	504C1R3	ND	5.11e+1	ug/dscm 7%O2	2.09e-3 lbs/hr	7%O2
Barium	504C1R4	ND	4.60e+1	ug/dscm 7%O2	1.92e-3 lbs/hr	7%O2
Barium	504C1R5	ND	7.36e+1	ug/dscm 7%O2	2.12e-3 lbs/hr	7%O2
Beryllium	504C1R1	ND	7.12e-1	ug/dscm 7%O2	1.53e-5 lbs/hr	7%O2
Beryllium	504C1R2		6.93e-1	ug/dscm 7%O2	3.24e-5 lbs/hr	7%O2
Beryllium	504C1R3		8.32e-1	ug/dscm 7%O2	3.66e-5 lbs/hr	7%O2
Beryllium	504C1R4		1.00e+0	ug/dscm 7%O2	4.32e-5 lbs/hr	7%O2
Beryllium	504C1R5		1.66e+0	ug/dscm 7%O2	5.03e-5 lbs/hr	7%O2
Cadmium	504C1R1		4.03e+0	ug/dscm 7%O2	9.95e-5 lbs/hr	7%O2
Cadmium	504C1R2		3.47e+0	ug/dscm 7%O2	1.47e-4 lbs/hr	7%O2
Cadmium	504C1R3		3.60e+0	ug/dscm 7%O2	1.47e-4 lbs/hr	7%O2
Cadmium	504C1R4		5.00e+0	ug/dscm 7%O2	2.11e-4 lbs/hr	7%O2
Cadmium	504C1R5		4.51e+0	ug/dscm 7%O2	1.32e-4 lbs/hr	7%O2
Chromium	504C1R1		1.52e+1	ug/dscm 7%O2	3.83e-4 lbs/hr	7%O2
Chromium	504C1R2		1.34e+2	ug/dscm 7%O2	5.71e-3 lbs/hr	7%O2
Chromium	504C1R3		1.49e+2	ug/dscm 7%O2	6.10e-3 lbs/hr	7%O2
Chromium	504C1R4		1.38e+2	ug/dscm 7%O2	5.76e-3 lbs/hr	7%O2
Chromium	504C1R5		2.66e+2	ug/dscm 7%O2	7.64e-3 lbs/hr	7%O2
Chromium (Hex)	504C1R1		3.08e+0	ug/dscm 7%O2	8.35e-5 lbs/hr	7%O2
Chromium (Hex)	504C1R2		5.35e+1	ug/dscm 7%O2	2.32e-3 lbs/hr	7%O2
Chromium (Hex)	504C1R3		6.93e+0	ug/dscm 7%O2	2.96e-4 lbs/hr	7%O2
Chromium (Hex)	504C1R4		4.86e+0	ug/dscm 7%O2	1.76e-4 lbs/hr	7%O2
Chromium (Hex)	504C1R5		2.14e+0	ug/dscm 7%O2	6.30e-5 lbs/hr	7%O2
Lead	504C1R1	ND	3.04e+1	ug/dscm 7%O2	7.65e-4 lbs/hr	7%O2
Lead	504C1R2		4.39e+1	ug/dscm 7%O2	1.87e-3 lbs/hr	7%O2
Lead	504C1R3		3.52e+1	ug/dscm 7%O2	1.44e-3 lbs/hr	7%O2
Lead	504C1R4		1.90e+1	ug/dscm 7%O2	7.91e-4 lbs/hr	7%O2
Lead	504C1R5		7.07e+1	ug/dscm 7%O2	2.04e-3 lbs/hr	7%O2
Mercury	504C1R1	ND	7.78e+1	ug/dscm 7%O2	1.99e-3 lbs/hr	7%O2
Mercury	504C1R2		1.86e+3	ug/dscm 7%O2	8.25e-2 lbs/hr	7%O2
Mercury	504C1R3		2.26e+3	ug/dscm 7%O2	9.69e-2 lbs/hr	7%O2
Mercury	504C1R4		2.34e+3	ug/dscm 7%O2	8.47e-2 lbs/hr	7%O2
Mercury	504C1R5	ND	8.02e+1	ug/dscm 7%O2	2.04e-3 lbs/hr	7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CHEVRON CHEMICAL CO.  
 2. STATE: PA  
 3. CITY: PHILADELPHIA  
 4. EP ID: 504 DEVICE NAME:

EPA ID: PAD049791098  
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: VS/C

REGION: 3

Silver	504C1R1	ND	3.04e+1	ug/dscm	7%O2	7.65e-4	lbs/hr	7%O2
Silver	504C1R2	ND	1.76e+1	ug/dscm	7%O2	7.48e-4	lbs/hr	7%O2
Silver	504C1R3	ND	1.93e+1	ug/dscm	7%O2	7.85e-4	lbs/hr	7%O2
Silver	504C1R4	ND	1.73e+1	ug/dscm	7%O2	7.19e-4	lbs/hr	7%O2
Silver	504C1R5	ND	2.75e+1	ug/dscm	7%O2	7.93e-4	lbs/hr	7%O2
Thallium	504C1R1	ND	4.51e+0	ug/dscm	7%O2	1.15e-4	lbs/hr	7%O2
Thallium	504C1R2	ND	2.63e+0	ug/dscm	7%O2	1.12e-4	lbs/hr	7%O2
Thallium	504C1R3	ND	2.91e+0	ug/dscm	7%O2	1.18e-4	lbs/hr	7%O2
Thallium	504C1R4	ND	2.57e+0	ug/dscm	7%O2	1.08e-4	lbs/hr	7%O2
Thallium	504C1R5	ND	4.03e+0	ug/dscm	7%O2	1.19e-4	lbs/hr	7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Particulate	504C1R1	3.92e-2	gr/dscf 7%O2	2.41e+0	lbs/hr 7%O2
Particulate	504C1R2	1.91e-2	gr/dscf 7%O2	2.14e+0	lbs/hr 7%O2
Particulate	504C1R3	1.57e-2	gr/dscf 7%O2	1.56e+0	lbs/hr 7%O2
Particulate	504C1R4	1.80e-2	gr/dscf 7%O2	1.57e+0	lbs/hr 7%O2
Particulate	504C1R5	1.26e-2	gr/dscf 7%O2	6.90e-1	lbs/hr 7%O2

SECTION 7: EMISSIONS ANALYSES

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 SYSTEM: QT/VS/ESP/PT

5. Type: CONTROLLED  
 6. Description: EMISSIONS Process Group: ROTARY KILN Location: STACK Phase: GAS  
 7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
HCl	705C1R1	5.03e+0	ppmv	5.20e-1 lbs/hr	CC
HCl	705C1R2	1.87e+1	ppmv	1.91e+0 lbs/hr	CC
HCl	705C1R3	1.08e+1	ppmv	1.11e+0 lbs/hr	CC
HCl	705C2R1	9.38e+0	ppmv	9.30e-1 lbs/hr	CC
HCl	705C2R2	8.83e+0	ppmv	9.10e-1 lbs/hr	CC
HCl	705C2R3	7.39e+0	ppmv	7.40e-1 lbs/hr	CC

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc
Antimony	705C1R1	9.68e+0	ug/dscm	7.20e-4 lbs/hr	CC
Antimony	705C1R2	7.16e+0	ug/dscm	5.00e-4 lbs/hr	CC
Antimony	705C1R3	4.67e+0	ug/dscm	3.44e-4 lbs/hr	CC
Antimony	705C2R1	4.70e+2	ug/dscm	3.31e-2 lbs/hr	CC
Antimony	705C2R2	1.95e+2	ug/dscm	1.41e-2 lbs/hr	CC
Antimony	705C2R3	1.75e+2	ug/dscm	1.27e-2 lbs/hr	CC
Arsenic	705C1R1	ND 4.87e+0	ug/dscm	3.62e-4 lbs/hr	CC
Arsenic	705C1R2	ND 5.73e+0	ug/dscm	4.00e-4 lbs/hr	CC
Arsenic	705C1R3	ND 4.92e+0	ug/dscm	3.63e-4 lbs/hr	CC
Arsenic	705C2R1	6.77e+0	ug/dscm	4.77e-4 lbs/hr	CC
Arsenic	705C2R2	4.90e+0	ug/dscm	3.55e-4 lbs/hr	CC
Arsenic	705C2R3	1.12e+1	ug/dscm	8.17e-4 lbs/hr	CC
Barium	705C1R1	ND 4.87e+0	ug/dscm	3.62e-4 lbs/hr	CC
Barium	705C1R2	ND 5.73e+1	ug/dscm	4.00e-3 lbs/hr	CC
Barium	705C1R3	ND 4.92e+1	ug/dscm	3.63e-3 lbs/hr	CC
Barium	705C2R1	ND 5.52e+1	ug/dscm	3.89e-3 lbs/hr	CC
Barium	705C2R2	4.11e+0	ug/dscm	2.98e-4 lbs/hr	CC
Barium	705C2R3	3.24e+1	ug/dscm	2.36e-3 lbs/hr	CC
Beryllium	705C1R1	ND 1.94e-1	ug/dscm	1.44e-5 lbs/hr	CC
Beryllium	705C1R2	ND 2.29e-1	ug/dscm	1.60e-5 lbs/hr	CC
Beryllium	705C1R3	ND 1.97e-1	ug/dscm	1.45e-5 lbs/hr	CC
Beryllium	705C2R1	ND 2.20e-1	ug/dscm	1.55e-5 lbs/hr	CC
Beryllium	705C2R2	ND 1.93e-1	ug/dscm	1.40e-5 lbs/hr	CC
Beryllium	705C2R3	ND 2.21e-1	ug/dscm	1.61e-5 lbs/hr	CC
Cadmium	705C1R1	1.13e+1	ug/dscm	8.41e-4 lbs/hr	CC
Cadmium	705C1R2	4.80e+0	ug/dscm	3.35e-4 lbs/hr	CC
Cadmium	705C1R3	3.03e+0	ug/dscm	2.23e-4 lbs/hr	CC
Cadmium	705C2R1	9.77e+1	ug/dscm	6.88e-3 lbs/hr	CC
Cadmium	705C2R2	1.74e+1	ug/dscm	1.26e-3 lbs/hr	CC
Cadmium	705C2R3	2.47e+1	ug/dscm	1.80e-3 lbs/hr	CC
Chromium	705C1R1	2.29e+1	ug/dscm	1.70e-3 lbs/hr	CC
Chromium	705C1R2	1.22e+1	ug/dscm	8.52e-4 lbs/hr	CC
Chromium	705C1R3	1.23e+1	ug/dscm	9.08e-4 lbs/hr	CC
Chromium	705C2R1	1.43e+1	ug/dscm	1.01e-3 lbs/hr	CC
Chromium	705C2R2	1.32e+1	ug/dscm	9.57e-4 lbs/hr	CC
Chromium	705C2R3	1.27e+1	ug/dscm	9.26e-4 lbs/hr	CC
Lead	705C1R1	1.52e+2	ug/dscm	1.13e-2 lbs/hr	CC
Lead	705C1R2	1.15e+2	ug/dscm	8.01e-3 lbs/hr	CC
Lead	705C1R3	6.32e+1	ug/dscm	4.66e-3 lbs/hr	CC
Lead	705C2R1	1.22e+2	ug/dscm	8.62e-3 lbs/hr	CC
Lead	705C2R2	4.67e+2	ug/dscm	3.38e-2 lbs/hr	CC
Lead	705C2R3	1.75e+2	ug/dscm	1.27e-2 lbs/hr	CC
Mercury	705C1R1	6.11e+0	ug/dscm	4.54e-4 lbs/hr	CC
Mercury	705C1R2	ND 1.72e+0	ug/dscm	1.20e-4 lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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 SYSTEM: QT/VS/ESP/PT

Mercury	705C1R3	4.40e-1	ug/dscm	3.24e-5	lbs/hr	CC
Mercury	705C2R1	3.83e+0	ug/dscm	2.70e-4	lbs/hr	CC
Mercury	705C2R2	3.01e+1	ug/dscm	2.18e-3	lbs/hr	CC
Mercury	705C2R3	2.39e+1	ug/dscm	1.74e-3	lbs/hr	CC
Selenium	705C1R1	ND 1.95e+0	ug/dscm	1.45e-4	lbs/hr	CC
Selenium	705C1R2	ND 2.29e+0	ug/dscm	1.60e-4	lbs/hr	CC
Selenium	705C1R3	ND 1.97e+0	ug/dscm	1.45e-4	lbs/hr	CC
Selenium	705C2R1	ND 2.20e+0	ug/dscm	1.55e-4	lbs/hr	CC
Selenium	705C2R2	ND 1.95e+0	ug/dscm	1.41e-4	lbs/hr	CC
Selenium	705C2R3	ND 2.21e+0	ug/dscm	1.61e-4	lbs/hr	CC
Silver	705C1R1	2.34e+0	ug/dscm	1.74e-4	lbs/hr	CC
Silver	705C1R2	1.29e+0	ug/dscm	9.00e-5	lbs/hr	CC
Silver	705C1R3	6.46e-1	ug/dscm	4.76e-5	lbs/hr	CC
Silver	705C2R1	1.04e+0	ug/dscm	7.29e-5	lbs/hr	CC
Silver	705C2R2	8.50e-1	ug/dscm	6.16e-5	lbs/hr	CC
Silver	705C2R3	3.38e+0	ug/dscm	2.46e-4	lbs/hr	CC
Thallium	705C1R1	ND 0.00e+0		0.00e+0		
Thallium	705C1R2	8.77e-1	ug/dscm	6.13e-5	lbs/hr	CC
Thallium	705C1R3	ND 1.97e+0	ug/dscm	1.45e-4	lbs/hr	CC
Thallium	705C2R1	ND 2.20e+0	ug/dscm	1.55e-4	lbs/hr	CC
Thallium	705C2R2	ND 1.95e+0	ug/dscm	1.41e-4	lbs/hr	CC
Thallium	705C2R3	ND 1.59e+0	ug/dscm	1.16e-4	lbs/hr	CC

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Particulate	705C1R1	1.00e-1	gr/dscf	1.57e+1	lbs/hr	CC
Particulate	705C1R2	1.67e-2	gr/dscf	2.59e+0	lbs/hr	CC
Particulate	705C1R3	1.27e-2	gr/dscf	1.97e+0	lbs/hr	CC
Particulate	705C2R1	3.66e-2	gr/dscf	5.49e+0	lbs/hr	CC
Particulate	705C2R2	5.46e-2	gr/dscf	8.51e+0	lbs/hr	CC
Particulate	705C2R3	2.39e-2	gr/dscf	3.62e+0	lbs/hr	CC

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Hexachloroethane	705C1R1	1.66e+4	ng/dscm	1.14e-3	lbs/hr	CC
Hexachloroethane	705C1R2	1.81e+4	ng/dscm	1.19e-3	lbs/hr	CC
Hexachloroethane	705C1R3	1.76e+4	ng/dscm	1.26e-3	lbs/hr	CC
Hexachloroethane	705C2R1	1.79e+4	ng/dscm	1.20e-3	lbs/hr	CC
Hexachloroethane	705C2R2	1.75e+4	ng/dscm	1.20e-3	lbs/hr	CC
Hexachloroethane	705C2R3	1.75e+4	ng/dscm	1.15e-3	lbs/hr	CC

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
CO	705C1R1	3.24e+0	ppmv	2.80e-1	lbs/hr	CE
CO	705C1R2	4.22e+0	ppmv	3.43e-1	lbs/hr	CE
CO	705C1R3	1.76e+0	ppmv	1.51e-1	lbs/hr	CE
CO	705C2R1	2.53e+0	ppmv	2.07e-1	lbs/hr	CE
CO	705C2R2	1.00e-1	ppmv	8.42e-3	lbs/hr	CE
CO	705C2R3	5.63e+0	ppmv	4.76e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
Chlorobenzene	705C1R1	1.66e+4	ng/dscm	1.14e-3	lbs/hr	CC
Chlorobenzene	705C1R2	1.81e+4	ng/dscm	1.19e-3	lbs/hr	CC
Chlorobenzene	705C1R3	1.76e+4	ng/dscm	1.26e-3	lbs/hr	CC

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: AL

3. CITY: McINTOSH

EPA ID: ALD001221902

REGION: 4

4. EP ID: 705 DEVICE NAME: MULTIPURPOSE INCINER

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/VS/ESP/PT

Chlorobenzene	705C2R1	1.79e+4	ng/dscm	1.20e-3	lbs/hr	CC
Chlorobenzene	705C2R2	1.75e+4	ng/dscm	1.20e-3	lbs/hr	CC
Chlorobenzene	705C2R3	1.75e+4	ng/dscm	1.15e-3	lbs/hr	CC
Tetrachloroethene	705C1R1	1.66e+4	ng/dscm	1.14e-3	lbs/hr	CC
Tetrachloroethene	705C1R2	1.81e+4	ng/dscm	1.19e-3	lbs/hr	CC
Tetrachloroethene	705C1R3	1.76e+4	ng/dscm	1.26e-3	lbs/hr	CC
Tetrachloroethene	705C2R1	1.79e+4	ng/dscm	1.20e-3	lbs/hr	CC
Tetrachloroethene	705C2R2	1.75e+4	ng/dscm	1.20e-3	lbs/hr	CC
Tetrachloroethene	705C2R3	1.75e+4	ng/dscm	1.15e-3	lbs/hr	CC
Toluene	705C1R1	3.22e+4	ng/dscm	2.21e-3	lbs/hr	CC
Toluene	705C1R2	3.96e+4	ng/dscm	2.61e-3	lbs/hr	CC
Toluene	705C1R3	9.32e+4	ng/dscm	6.64e-3	lbs/hr	CC
Toluene	705C2R1	5.19e+4	ng/dscm	3.46e-3	lbs/hr	CC
Toluene	705C2R2	1.75e+4	ng/dscm	1.20e-3	lbs/hr	CC
Toluene	705C2R3	1.75e+4	ng/dscm	1.15e-3	lbs/hr	CC

US EPA ARCHIVE DOCUMENT



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

5. Type: CONTROLLED

6. Description: EMISSIONS

Process Group: LIQUID DOWN FIRED

Location: STACK

Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
4D 2378	706C2R2	ND	2.61e-3	ng/dscm 7%O2	1.53e-10 lbs/hr	CE7%O2
4D 2378	706C2R3	ND	1.72e-2	ng/dscm 7%O2	9.48e-10 lbs/hr	CE7%O2
4D 2378	706C3R3	ND	2.72e-4	ng/dscm 7%O2	9.19e-12 lbs/hr	CE7%O2
4D Other	706C2R2	ND	2.61e-3	ng/dscm 7%O2	1.53e-10 lbs/hr	CE7%O2
4D Other	706C2R3	2	3.58e-2	ng/dscm 7%O2	1.97e-9 lbs/hr	CE7%O2
4D Other	706C3R3		4.57e-2	ng/dscm 7%O2	1.54e-9 lbs/hr	CE7%O2
4D Total	706C2R2		5.22e-3	ng/dscm 7%O2	3.06e-10 lbs/hr	OCE
4D Total	706C2R3		5.30e-2	ng/dscm 7%O2	2.91e-9 lbs/hr	OCE
4D Total	706C3R3		4.60e-2	ng/dscm 7%O2	1.55e-9 lbs/hr	OCE
4F 2378	706C2R2		2.09e-3	ng/dscm 7%O2	1.22e-10 lbs/hr	CE7%O2
4F 2378	706C2R3		1.03e-2	ng/dscm 7%O2	5.66e-10 lbs/hr	CE7%O2
4F 2378	706C3R3		7.07e-3	ng/dscm 7%O2	2.39e-10 lbs/hr	CE7%O2
4F Other	706C2R2	2	4.31e-2	ng/dscm 7%O2	2.52e-9 lbs/hr	CE7%O2
4F Other	706C2R3		1.65e-1	ng/dscm 7%O2	9.05e-9 lbs/hr	CE7%O2
4F Other	706C3R3		1.67e-1	ng/dscm 7%O2	5.65e-9 lbs/hr	CE7%O2
4F Total	706C2R2		4.52e-2	ng/dscm 7%O2	2.64e-9 lbs/hr	OCE
4F Total	706C2R3		1.75e-1	ng/dscm 7%O2	9.62e-9 lbs/hr	OCE
4F Total	706C3R3		1.74e-1	ng/dscm 7%O2	5.89e-9 lbs/hr	OCE
5D 12378	706C2R2	ND	3.92e-3	ng/dscm 7%O2	2.29e-10 lbs/hr	CE7%O2
5D 12378	706C2R3	ND	3.86e-3	ng/dscm 7%O2	2.12e-10 lbs/hr	CE7%O2
5D 12378	706C3R3	ND	1.36e-3	ng/dscm 7%O2	4.59e-11 lbs/hr	CE7%O2
5D Other	706C2R2	2	4.94e-1	ng/dscm 7%O2	2.89e-8 lbs/hr	CE7%O2
5D Other	706C2R3	2	2.75e-2	ng/dscm 7%O2	1.51e-9 lbs/hr	CE7%O2
5D Other	706C3R3		1.25e-2	ng/dscm 7%O2	4.23e-10 lbs/hr	CE7%O2
5D Total	706C2R2		4.98e-1	ng/dscm 7%O2	2.91e-8 lbs/hr	OCE
5D Total	706C2R3		3.14e-2	ng/dscm 7%O2	1.73e-9 lbs/hr	OCE
5D Total	706C3R3		1.39e-2	ng/dscm 7%O2	4.69e-10 lbs/hr	OCE
5F 12378	706C2R2	ND	1.64e-2	ng/dscm 7%O2	9.62e-10 lbs/hr	CE7%O2
5F 12378	706C2R3	ND	2.57e-3	ng/dscm 7%O2	1.41e-10 lbs/hr	CE7%O2
5F 12378	706C3R3	2	1.39e-2	ng/dscm 7%O2	4.69e-10 lbs/hr	CE7%O2
5F 23478	706C2R2	ND	3.39e-3	ng/dscm 7%O2	1.99e-10 lbs/hr	CE7%O2
5F 23478	706C2R3	2	1.47e-2	ng/dscm 7%O2	8.06e-10 lbs/hr	CE7%O2
5F 23478	706C3R3	2	9.25e-3	ng/dscm 7%O2	3.12e-10 lbs/hr	CE7%O2
5F Other	706C2R2		3.58e-2	ng/dscm 7%O2	2.09e-9 lbs/hr	CE7%O2
5F Other	706C2R3	2	3.04e-2	ng/dscm 7%O2	1.67e-9 lbs/hr	CE7%O2
5F Other	706C3R3		4.79e-2	ng/dscm 7%O2	1.62e-9 lbs/hr	CE7%O2
5F Total	706C2R2		5.56e-2	ng/dscm 7%O2	3.25e-9 lbs/hr	OCE
5F Total	706C2R3		4.76e-2	ng/dscm 7%O2	2.62e-9 lbs/hr	OCE
5F Total	706C3R3		7.10e-2	ng/dscm 7%O2	2.40e-9 lbs/hr	OCE
6D 123478	706C2R2	ND	5.22e-3	ng/dscm 7%O2	3.06e-10 lbs/hr	CE7%O2
6D 123478	706C2R3	ND	6.43e-3	ng/dscm 7%O2	3.54e-10 lbs/hr	CE7%O2
6D 123478	706C3R3	ND	2.18e-3	ng/dscm 7%O2	7.35e-11 lbs/hr	CE7%O2
6D 123678	706C2R2	ND	5.22e-3	ng/dscm 7%O2	3.06e-10 lbs/hr	CE7%O2
6D 123678	706C2R3	ND	6.43e-3	ng/dscm 7%O2	3.54e-10 lbs/hr	CE7%O2
6D 123678	706C3R3	ND	2.18e-3	ng/dscm 7%O2	7.35e-11 lbs/hr	CE7%O2
6D 123789	706C2R2	ND	5.22e-3	ng/dscm 7%O2	3.06e-10 lbs/hr	CE7%O2
6D 123789	706C2R3	ND	7.21e-3	ng/dscm 7%O2	3.96e-10 lbs/hr	CE7%O2
6D 123789	706C3R3		1.20e-2	ng/dscm 7%O2	4.04e-10 lbs/hr	CE7%O2
6D Other	706C2R2	2	4.64e-1	ng/dscm 7%O2	2.71e-8 lbs/hr	CE7%O2
6D Other	706C2R3	2	2.21e-1	ng/dscm 7%O2	1.21e-8 lbs/hr	CE7%O2
6D Other	706C3R3		1.99e-2	ng/dscm 7%O2	6.71e-10 lbs/hr	CE7%O2
6D Total	706C2R2		4.79e-1	ng/dscm 7%O2	2.81e-8 lbs/hr	OCE
6D Total	706C2R3		2.41e-1	ng/dscm 7%O2	1.33e-8 lbs/hr	OCE

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

6D Total	706C3R3		3.62e-2	ng/dscm 7%O2	1.22e-9	lbs/hr	OCE
6F 123478	706C2R2		5.04e-2	ng/dscm 7%O2	2.95e-9	lbs/hr	CE7%O2
6F 123478	706C2R3	ND	3.35e-3	ng/dscm 7%O2	1.84e-10	lbs/hr	CE7%O2
6F 123478	706C3R3		1.66e-2	ng/dscm 7%O2	5.60e-10	lbs/hr	CE7%O2
6F 123678	706C2R2	ND	3.39e-3	ng/dscm 7%O2	1.99e-10	lbs/hr	CE7%O2
6F 123678	706C2R3	ND	3.35e-3	ng/dscm 7%O2	1.84e-10	lbs/hr	CE7%O2
6F 123678	706C3R3		8.98e-3	ng/dscm 7%O2	3.03e-10	lbs/hr	CE7%O2
6F 123789	706C2R2	ND	6.53e-3	ng/dscm 7%O2	3.82e-10	lbs/hr	CE7%O2
6F 123789	706C2R3	ND	5.66e-3	ng/dscm 7%O2	3.11e-10	lbs/hr	CE7%O2
6F 123789	706C3R3	ND	1.36e-3	ng/dscm 7%O2	4.59e-11	lbs/hr	CE7%O2
6F 234678	706C2R2	ND	4.70e-3	ng/dscm 7%O2	2.75e-10	lbs/hr	CE7%O2
6F 234678	706C2R3	ND	3.86e-3	ng/dscm 7%O2	2.12e-10	lbs/hr	CE7%O2
6F 234678	706C3R3	ND	1.36e-3	ng/dscm 7%O2	4.59e-11	lbs/hr	CE7%O2
6F Other	706C2R2		6.00e-3	ng/dscm 7%O2	3.51e-10	lbs/hr	CE7%O2
6F Other	706C2R3	ND	3.86e-3	ng/dscm 7%O2	2.12e-10	lbs/hr	CE7%O2
6F Other	706C3R3		4.90e-3	ng/dscm 7%O2	1.65e-10	lbs/hr	CE7%O2
6F Total	706C2R2		7.10e-2	ng/dscm 7%O2	4.16e-9	lbs/hr	OCE
6F Total	706C2R3		2.01e-2	ng/dscm 7%O2	1.10e-9	lbs/hr	OCE
6F Total	706C3R3		3.32e-2	ng/dscm 7%O2	1.12e-9	lbs/hr	OCE
7D 1234678	706C2R2	2	9.24e-2	ng/dscm 7%O2	5.41e-9	lbs/hr	CE7%O2
7D 1234678	706C2R3	ND	1.29e-2	ng/dscm 7%O2	7.07e-10	lbs/hr	CE7%O2
7D 1234678	706C3R3		7.70e-2	ng/dscm 7%O2	2.60e-9	lbs/hr	CE7%O2
7D Other	706C2R2	2	1.65e-1	ng/dscm 7%O2	9.67e-9	lbs/hr	CE7%O2
7D Other	706C2R3	ND	1.29e-2	ng/dscm 7%O2	7.07e-10	lbs/hr	CE7%O2
7D Other	706C3R3		0.00e+0		0.00e+0		
7D Total	706C2R2		2.58e-1	ng/dscm 7%O2	1.51e-8	lbs/hr	OCE
7D Total	706C2R3		2.57e-2	ng/dscm 7%O2	1.41e-9	lbs/hr	OCE
7D Total	706C3R3		7.70e-2	ng/dscm 7%O2	2.60e-9	lbs/hr	OCE
7F 1234678	706C2R2	2	1.93e-1	ng/dscm 7%O2	1.13e-8	lbs/hr	CE7%O2
7F 1234678	706C2R3		9.70e-2	ng/dscm 7%O2	5.33e-9	lbs/hr	CE7%O2
7F 1234678	706C3R3		5.90e-2	ng/dscm 7%O2	1.99e-9	lbs/hr	CE7%O2
7F 1234789	706C2R2		1.43e-1	ng/dscm 7%O2	8.39e-9	lbs/hr	CE7%O2
7F 1234789	706C2R3	2	4.74e-2	ng/dscm 7%O2	2.60e-9	lbs/hr	CE7%O2
7F 1234789	706C3R3		2.20e-2	ng/dscm 7%O2	7.44e-10	lbs/hr	CE7%O2
7F Other	706C2R2		2.08e-1	ng/dscm 7%O2	1.21e-8	lbs/hr	CE7%O2
7F Other	706C2R3		5.87e-2	ng/dscm 7%O2	3.22e-9	lbs/hr	CE7%O2
7F Other	706C3R3		1.66e-2	ng/dscm 7%O2	5.60e-10	lbs/hr	CE7%O2
7F Total	706C2R2		5.44e-1	ng/dscm 7%O2	3.18e-8	lbs/hr	OCE
7F Total	706C2R3		2.03e-1	ng/dscm 7%O2	1.12e-8	lbs/hr	OCE
7F Total	706C3R3		9.77e-2	ng/dscm 7%O2	3.30e-9	lbs/hr	OCE
8D	706C2R2	2	3.61e-1	ng/dscm 7%O2	2.12e-8	lbs/hr	CE7%O2
8D	706C2R3	2	1.53e-1	ng/dscm 7%O2	8.40e-9	lbs/hr	CE7%O2
8D	706C3R3		2.05e-1	ng/dscm 7%O2	6.92e-9	lbs/hr	CE7%O2
8F	706C2R2		6.25e-1	ng/dscm 7%O2	3.66e-8	lbs/hr	CE7%O2
8F	706C2R3		2.59e-1	ng/dscm 7%O2	1.42e-8	lbs/hr	CE7%O2
8F	706C3R3		8.84e-2	ng/dscm 7%O2	2.99e-9	lbs/hr	CE7%O2
TEQ	706C2R2		2.06e-2	ng/dscm 7%O2	1.21e-9	lbs/hr	CCET
TEQ	706C2R3		3.33e-2	ng/dscm 7%O2	1.83e-9	lbs/hr	CCET
TEQ	706C3R3		1.33e-2	ng/dscm 7%O2	4.50e-10	lbs/hr	CCET
Total PCDD/PCDF	706C2R2		2.94e+0	ng/dscm 7%O2	1.72e-7	lbs/hr	CCET
Total PCDD/PCDF	706C2R3		1.21e+0	ng/dscm 7%O2	6.64e-8	lbs/hr	CCET
Total PCDD/PCDF	706C3R3		8.43e-1	ng/dscm 7%O2	2.85e-8	lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	706C1R1	2.69e-1 ppmv 7%O2	2.47e-2 lbs/hr	CC7%O2
HCl	706C1R2	4.05e-1 ppmv 7%O2	3.87e-2 lbs/hr	CC7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

HCl	706C1R3	ND	1.96e-1	ppmv 7%O2	1.81e-2	lbs/hr	CC7%O2
HCl	706C2R1		1.10e+0	ppmv 7%O2	9.53e-2	lbs/hr	CC7%O2
HCl	706C2R2		1.21e+0	ppmv 7%O2	1.07e-1	lbs/hr	CC7%O2
HCl	706C2R3	ND	2.10e-1	ppmv 7%O2	1.74e-2	lbs/hr	CC7%O2
HCl	706C3R1	ND	2.19e-1	ppmv 7%O2	1.09e-2	lbs/hr	CC7%O2
HCl	706C3R2	ND	2.15e-1	ppmv 7%O2	1.13e-2	lbs/hr	CC7%O2
HCl	706C3R3	ND	2.18e-1	ppmv 7%O2	1.11e-2	lbs/hr	CC7%O2
HI	706C1R1		2.98e+0	ppmv 7%O2	9.62e-1	lbs/hr	CE7%O2
HI	706C1R2		1.71e+0	ppmv 7%O2	5.75e-1	lbs/hr	CE7%O2
HI	706C1R2		6.82e-4	ppmv 7%O2	2.29e-4	lbs/hr	CE7%O2
HI	706C1R3		1.46e+0	ppmv 7%O2	4.73e-1	lbs/hr	CE7%O2
HI	706C2R1		1.37e+0	ppmv 7%O2	4.19e-1	lbs/hr	CE7%O2
HI	706C2R2		2.65e+0	ppmv 7%O2	8.24e-1	lbs/hr	CE7%O2
HI	706C2R3		2.63e+0	ppmv 7%O2	7.67e-1	lbs/hr	CE7%O2
HI	706C3R1		2.04e+0	ppmv 7%O2	3.57e-1	lbs/hr	CE7%O2
HI	706C3R2		2.48e+0	ppmv 7%O2	4.57e-1	lbs/hr	CE7%O2
HI	706C3R3		2.18e+0	ppmv 7%O2	3.91e-1	lbs/hr	CE7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID		Concentration		Mass Rate	Calc	
Acenaphthene	706C1R1	ND	5.48e+3	ng/dscm 7%O2	3.33e-4	lbs/hr	CE7%O2
Acenaphthene	706C1R2	ND	6.00e+3	ng/dscm 7%O2	3.80e-4	lbs/hr	CE7%O2
Acenaphthene	706C1R3	ND	4.96e+3	ng/dscm 7%O2	3.04e-4	lbs/hr	CE7%O2
Acenaphthene	706C2R1	ND	7.72e+3	ng/dscm 7%O2	4.44e-4	lbs/hr	CE7%O2
Acenaphthene	706C2R2	ND	5.22e+3	ng/dscm 7%O2	3.06e-4	lbs/hr	CE7%O2
Acenaphthene	706C2R3	ND	5.15e+3	ng/dscm 7%O2	2.83e-4	lbs/hr	CE7%O2
Acenaphthene	706C3R1	ND	1.72e+4	ng/dscm 7%O2	5.68e-4	lbs/hr	CE7%O2
Acenaphthene	706C3R2	ND	8.23e+3	ng/dscm 7%O2	2.86e-4	lbs/hr	CE7%O2
Acenaphthene	706C3R3	ND	5.44e+3	ng/dscm 7%O2	1.84e-4	lbs/hr	CE7%O2
Acenaphthylene	706C1R1	ND	5.48e+3	ng/dscm 7%O2	3.33e-4	lbs/hr	CE7%O2
Acenaphthylene	706C1R2	ND	6.00e+3	ng/dscm 7%O2	3.80e-4	lbs/hr	CE7%O2
Acenaphthylene	706C1R3	ND	4.96e+3	ng/dscm 7%O2	3.04e-4	lbs/hr	CE7%O2
Acenaphthylene	706C2R1	ND	7.72e+3	ng/dscm 7%O2	4.44e-4	lbs/hr	CE7%O2
Acenaphthylene	706C2R2	ND	5.22e+3	ng/dscm 7%O2	3.06e-4	lbs/hr	CE7%O2
Acenaphthylene	706C2R3	ND	5.15e+3	ng/dscm 7%O2	2.83e-4	lbs/hr	CE7%O2
Acenaphthylene	706C3R1	ND	1.72e+4	ng/dscm 7%O2	5.68e-4	lbs/hr	CE7%O2
Acenaphthylene	706C3R2	ND	8.23e+3	ng/dscm 7%O2	2.86e-4	lbs/hr	CE7%O2
Acenaphthylene	706C3R3	ND	5.44e+3	ng/dscm 7%O2	1.84e-4	lbs/hr	CE7%O2
Anthracene	706C1R1	ND	5.48e+3	ng/dscm 7%O2	3.33e-4	lbs/hr	CE7%O2
Anthracene	706C1R2	ND	6.00e+3	ng/dscm 7%O2	3.80e-4	lbs/hr	CE7%O2
Anthracene	706C1R3	ND	4.96e+3	ng/dscm 7%O2	3.04e-4	lbs/hr	CE7%O2
Anthracene	706C2R1	ND	7.72e+3	ng/dscm 7%O2	4.44e-4	lbs/hr	CE7%O2
Anthracene	706C2R2	ND	5.22e+3	ng/dscm 7%O2	3.06e-4	lbs/hr	CE7%O2
Anthracene	706C2R3	ND	5.15e+3	ng/dscm 7%O2	2.83e-4	lbs/hr	CE7%O2
Anthracene	706C3R1	ND	1.72e+4	ng/dscm 7%O2	5.68e-4	lbs/hr	CE7%O2
Anthracene	706C3R2	ND	8.23e+3	ng/dscm 7%O2	2.86e-4	lbs/hr	CE7%O2
Anthracene	706C3R3	ND	5.44e+3	ng/dscm 7%O2	1.84e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C1R1	ND	5.48e+3	ng/dscm 7%O2	3.33e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C1R2	ND	6.00e+3	ng/dscm 7%O2	3.80e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C1R3	ND	4.96e+3	ng/dscm 7%O2	3.04e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C2R1	ND	7.72e+3	ng/dscm 7%O2	4.44e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C2R2	ND	5.22e+3	ng/dscm 7%O2	3.06e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C2R3	ND	5.15e+3	ng/dscm 7%O2	2.83e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C3R1	ND	1.72e+4	ng/dscm 7%O2	5.68e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C3R2	ND	8.23e+3	ng/dscm 7%O2	2.86e-4	lbs/hr	CE7%O2
Benzo(a)anthracene	706C3R3	ND	5.44e+3	ng/dscm 7%O2	1.84e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C1R1	ND	5.48e+3	ng/dscm 7%O2	3.33e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C1R2	ND	6.00e+3	ng/dscm 7%O2	3.80e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C1R3	ND	4.96e+3	ng/dscm 7%O2	3.04e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C2R1	ND	7.72e+3	ng/dscm 7%O2	4.44e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C2R2	ND	5.22e+3	ng/dscm 7%O2	3.06e-4	lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Benzo(a)pyrene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Benzo(a)pyrene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Benzo(b)fluoranthene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Benzo(g,h,i)perylene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Benzo(k)fluoranthene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Chrysene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Chrysene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Chrysene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Chrysene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Chrysene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Chrysene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Chrysene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Chrysene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Chrysene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Dibenz(a,h)anthracene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Fluoranthene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Fluoranthene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Fluoranthene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Fluoranthene	706C2R1	2	1.17e+3	ng/dscm	7%O2	6.70e-5	lbs/hr	CE7%O2
Fluoranthene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Fluoranthene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Fluoranthene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Fluoranthene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Fluoranthene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Fluorene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Fluorene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Fluorene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Fluorene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Fluorene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Fluorene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Fluorene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Fluorene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Fluorene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Indeno(1,2,3-cd)pyrene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Naphthalene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Naphthalene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Naphthalene	706C1R3	2	3.10e+3	ng/dscm	7%O2	1.90e-4	lbs/hr	CE7%O2
Naphthalene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Naphthalene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Naphthalene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Naphthalene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Naphthalene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Naphthalene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Phenanthrene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Phenanthrene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Phenanthrene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Phenanthrene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Phenanthrene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Phenanthrene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Phenanthrene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Phenanthrene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Phenanthrene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Pyrene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Pyrene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Pyrene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Pyrene	706C2R1	2	2.50e+3	ng/dscm	7%O2	1.44e-4	lbs/hr	CE7%O2
Pyrene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Pyrene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Pyrene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Pyrene	706C3R2	2	8.28e+2	ng/dscm	7%O2	2.88e-5	lbs/hr	CE7%O2
Pyrene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	706C1R1	3.88e-2 gr/dscf 7%O2	5.40e+0 lbs/hr	CE
Particulate	706C1R2	4.04e-2 gr/dscf 7%O2	5.86e+0 lbs/hr	CE
Particulate	706C1R3	3.44e-2 gr/dscf 7%O2	4.83e+0 lbs/hr	CE
Particulate	706C2R1	6.30e-2 gr/dscf 7%O2	8.29e+0 lbs/hr	CE
Particulate	706C2R2	5.65e-2 gr/dscf 7%O2	7.57e+0 lbs/hr	CE
Particulate	706C2R3	6.60e-2 gr/dscf 7%O2	8.30e+0 lbs/hr	CE
Particulate	706C3R1	3.37e-2 gr/dscf 7%O2	2.55e+0 lbs/hr	CE
Particulate	706C3R2	2.63e-2 gr/dscf 7%O2	2.09e+0 lbs/hr	CE
Particulate	706C3R3	2.53e-2 gr/dscf 7%O2	1.96e+0 lbs/hr	CE

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2,4-Trichlorobenzene	706C1R1	ND 5.48e+3 ng/dscm 7%O2	3.33e-4 lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C1R2	ND 6.00e+3 ng/dscm 7%O2	3.80e-4 lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C1R3	ND 4.96e+3 ng/dscm 7%O2	3.04e-4 lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

1,2,4-Trichlorobenzene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
1,2,4-Trichlorobenzene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
1,2-Dichlorobenzene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
1,3-Dichlorobenzene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
1,4-Dichlorobenzene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
2,4,5-Trichlorophenol	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2,4,6-Trichlorophenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2,4-Dichlorophenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION  
 2. STATE: LA  
 3. CITY: BATON ROUGE  
 4. EP ID: 706 DEVICE NAME: INCINERATOR

EPA LAD053783445  
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

REGION: 6

2,4-Dimethylphenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2,4-Dimethylphenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
2,4-Dinitrophenol	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2,4-Dinitrotoluene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2,6-Dinitrotoluene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2-Chloronaphthalene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2-Chlorophenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2-Methylnaphthalene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C1R1	2	4.18e+3	ng/dscm	7%O2	2.54e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

2-Methylphenol (o-Cresol)	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C2R1		9.54e+4	ng/dscm	7%O2	5.48e-3	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C2R2		5.72e+3	ng/dscm	7%O2	3.34e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C2R3	2	1.59e+3	ng/dscm	7%O2	8.76e-5	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C3R1	2	1.46e+3	ng/dscm	7%O2	4.83e-5	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
2-Nitroaniline	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
2-Nitroaniline	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
2-Nitrophenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C1R1	ND	1.10e+4	ng/dscm	7%O2	6.66e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C1R2	ND	1.20e+4	ng/dscm	7%O2	7.59e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C1R3	ND	9.92e+3	ng/dscm	7%O2	6.08e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C2R1	ND	1.54e+4	ng/dscm	7%O2	8.87e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C2R2	ND	1.04e+4	ng/dscm	7%O2	6.11e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C2R3	ND	1.03e+4	ng/dscm	7%O2	5.66e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C3R1	ND	3.44e+4	ng/dscm	7%O2	1.14e-3	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C3R2	ND	1.65e+4	ng/dscm	7%O2	5.73e-4	lbs/hr	CE7%O2
3,3-Dichlorobenzidine	706C3R3	ND	1.09e+4	ng/dscm	7%O2	3.68e-4	lbs/hr	CE7%O2
3-Nitroaniline	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
3-Nitroaniline	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
4,6-Dinitro-o-Cresol	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C1R1	ND	3.29e+8	ng/dscm	7%O2	2.00e+1	lbs/hr	CC7%O2
4-Bromophenyl-phenylether	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
4-Bromophenyl-phenylether	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

4-Chloro-3-methylphenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
4-Chloro-3-methylphenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
4-Chloroaniline	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
4-Chlorophenyl-phenylether	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C1R1	ND	2.14e+2	ng/dscm	7%O2	1.30e-5	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C1R3	ND	2.28e+2	ng/dscm	7%O2	1.40e-5	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C2R3	ND	2.38e+2	ng/dscm	7%O2	1.31e-5	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C3R2	ND	2.60e+2	ng/dscm	7%O2	9.03e-6	lbs/hr	CE7%O2
4-Methyl-2-pentanone	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C1R1	2	4.52e+3	ng/dscm	7%O2	2.75e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C1R2	2	4.07e+2	ng/dscm	7%O2	2.58e-5	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C2R1	ND	6.13e+4	ng/dscm	7%O2	3.52e-3	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C2R2	ND	6.17e+3	ng/dscm	7%O2	3.61e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C3R1	2	6.91e+3	ng/dscm	7%O2	2.28e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C3R2	ND	2.58e+4	ng/dscm	7%O2	8.99e-4	lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	706C3R3	2	7.71e+2	ng/dscm	7%O2	2.60e-5	lbs/hr	CE7%O2
4-Nitroaniline	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
4-Nitroaniline	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
4-Nitrophenol	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
4-Nitrophenol	706C3R2	2	3.06e+3	ng/dscm	7%O2	1.06e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

4-Nitrophenol	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
Benzoic acid	706C1R1	2	1.62e+4	ng/dscm	7%O2	9.88e-4	lbs/hr	CE7%O2
Benzoic acid	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
Benzoic acid	706C1R3	2	1.50e+4	ng/dscm	7%O2	9.21e-4	lbs/hr	CE7%O2
Benzoic acid	706C2R1		2.30e+5	ng/dscm	7%O2	1.32e-2	lbs/hr	CE7%O2
Benzoic acid	706C2R2		7.18e+4	ng/dscm	7%O2	4.20e-3	lbs/hr	CE7%O2
Benzoic acid	706C2R3	2	1.23e+4	ng/dscm	7%O2	6.77e-4	lbs/hr	CE7%O2
Benzoic acid	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Benzoic acid	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
Benzoic acid	706C3R3		2.99e+5	ng/dscm	7%O2	1.01e-2	lbs/hr	CE7%O2
Benzyl alcohol	706C1R1		3.90e+4	ng/dscm	7%O2	2.37e-3	lbs/hr	CE7%O2
Benzyl alcohol	706C1R2		2.35e+4	ng/dscm	7%O2	1.49e-3	lbs/hr	CE7%O2
Benzyl alcohol	706C1R3		3.27e+4	ng/dscm	7%O2	2.00e-3	lbs/hr	CE7%O2
Benzyl alcohol	706C2R1		1.63e+5	ng/dscm	7%O2	9.34e-3	lbs/hr	CE7%O2
Benzyl alcohol	706C2R2		3.79e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
Benzyl alcohol	706C2R3		1.28e+5	ng/dscm	7%O2	7.01e-3	lbs/hr	CE7%O2
Benzyl alcohol	706C3R1		3.15e+5	ng/dscm	7%O2	1.04e-2	lbs/hr	CE7%O2
Benzyl alcohol	706C3R2		1.50e+6	ng/dscm	7%O2	5.21e-2	lbs/hr	CE7%O2
Benzyl alcohol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
bis(2-chloroethoxy) Methane	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
bis(2-chloroethyl) Ether	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
bis(2-chloroisopropyl) Ether	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C1R1		9.87e+3	ng/dscm	7%O2	6.00e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C1R2		1.20e+4	ng/dscm	7%O2	7.59e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C1R3		7.84e+3	ng/dscm	7%O2	4.81e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C2R1		3.54e+4	ng/dscm	7%O2	2.04e-3	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C2R2		5.98e+3	ng/dscm	7%O2	3.50e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C2R3		1.06e+4	ng/dscm	7%O2	5.81e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C3R1	2	1.48e+4	ng/dscm	7%O2	4.88e-4	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C3R2		3.51e+4	ng/dscm	7%O2	1.22e-3	lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	706C3R3	2	5.14e+3	ng/dscm	7%O2	1.74e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	706C1R1	2	1.61e+3	ng/dscm	7%O2	9.81e-5	lbs/hr	CE7%O2
Butylbenzylphthalate	706C1R2	2	2.76e+3	ng/dscm	7%O2	1.75e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	706C1R3	2	2.27e+3	ng/dscm	7%O2	1.39e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	706C2R1		1.36e+4	ng/dscm	7%O2	7.83e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	706C2R2	2	1.53e+3	ng/dscm	7%O2	8.96e-5	lbs/hr	CE7%O2
Butylbenzylphthalate	706C2R3	2	7.59e+2	ng/dscm	7%O2	4.17e-5	lbs/hr	CE7%O2
Butylbenzylphthalate	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Butylbenzylphthalate	706C3R2		8.46e+3	ng/dscm	7%O2	2.94e-4	lbs/hr	CE7%O2
Butylbenzylphthalate	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C1R1	2	2.90e+3	ng/dscm	7%O2	1.76e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C1R2	2	4.34e+3	ng/dscm	7%O2	2.75e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C1R3	2	4.51e+3	ng/dscm	7%O2	2.76e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C2R1	2	6.90e+3	ng/dscm	7%O2	3.97e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C2R2		6.31e+3	ng/dscm	7%O2	3.69e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C2R3	2	2.43e+3	ng/dscm	7%O2	1.34e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C3R1	2	4.54e+3	ng/dscm	7%O2	1.50e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C3R2	2	6.05e+3	ng/dscm	7%O2	2.10e-4	lbs/hr	CE7%O2
di-n-Butyl Phthalate	706C3R3	2	2.89e+3	ng/dscm	7%O2	9.77e-5	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C1R1	2	1.95e+3	ng/dscm	7%O2	1.19e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C1R2		1.10e+4	ng/dscm	7%O2	6.96e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C1R3	2	2.18e+3	ng/dscm	7%O2	1.34e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C2R1		1.65e+5	ng/dscm	7%O2	9.49e-3	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C2R2	2	1.01e+3	ng/dscm	7%O2	5.94e-5	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C2R3		5.38e+3	ng/dscm	7%O2	2.96e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C3R1	2	6.29e+3	ng/dscm	7%O2	2.08e-4	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C3R2		1.64e+5	ng/dscm	7%O2	5.69e-3	lbs/hr	CE7%O2
di-n-Octyl Phthalate	706C3R3		8.95e+3	ng/dscm	7%O2	3.02e-4	lbs/hr	CE7%O2
Dibenzofuran	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Dibenzofuran	706C1R2	2	1.89e+2	ng/dscm	7%O2	1.20e-5	lbs/hr	CE7%O2
Dibenzofuran	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Dibenzofuran	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Dibenzofuran	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Dibenzofuran	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Dibenzofuran	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Dibenzofuran	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Dibenzofuran	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Diethylphthalate	706C1R1	2	4.85e+2	ng/dscm	7%O2	2.95e-5	lbs/hr	CE7%O2
Diethylphthalate	706C1R2	2	1.14e+3	ng/dscm	7%O2	7.20e-5	lbs/hr	CE7%O2
Diethylphthalate	706C1R3	2	1.52e+3	ng/dscm	7%O2	9.33e-5	lbs/hr	CE7%O2
Diethylphthalate	706C2R1		9.13e+4	ng/dscm	7%O2	5.25e-3	lbs/hr	CE7%O2
Diethylphthalate	706C2R2	2	4.87e+2	ng/dscm	7%O2	2.85e-5	lbs/hr	CE7%O2
Diethylphthalate	706C2R3	2	1.03e+3	ng/dscm	7%O2	5.64e-5	lbs/hr	CE7%O2
Diethylphthalate	706C3R1	2	1.56e+3	ng/dscm	7%O2	5.14e-5	lbs/hr	CE7%O2
Diethylphthalate	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Diethylphthalate	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C1R3	2	4.18e+2	ng/dscm	7%O2	2.56e-5	lbs/hr	CE7%O2
Dimethylphthalate	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C2R3	2	7.68e+2	ng/dscm	7%O2	4.22e-5	lbs/hr	CE7%O2
Dimethylphthalate	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Dimethylphthalate	706C3R3	2	2.33e+3	ng/dscm	7%O2	7.87e-5	lbs/hr	CE7%O2
Ethylbenzene	706C1R1	6	1.03e+5	ng/dscm	7%O2	6.25e-3	lbs/hr	CE7%O2
Ethylbenzene	706C1R2		5.41e+4	ng/dscm	7%O2	3.43e-3	lbs/hr	CE7%O2
Ethylbenzene	706C1R3		8.65e+4	ng/dscm	7%O2	5.30e-3	lbs/hr	CE7%O2
Ethylbenzene	706C2R1	6	2.22e+4	ng/dscm	7%O2	1.27e-3	lbs/hr	CE7%O2
Ethylbenzene	706C2R2		3.74e+4	ng/dscm	7%O2	2.19e-3	lbs/hr	CE7%O2
Ethylbenzene	706C2R3		1.61e+5	ng/dscm	7%O2	8.86e-3	lbs/hr	CE7%O2
Ethylbenzene	706C3R1	6	3.34e+4	ng/dscm	7%O2	1.10e-3	lbs/hr	CE7%O2
Ethylbenzene	706C3R2	4	2.13e+4	ng/dscm	7%O2	7.42e-4	lbs/hr	CE7%O2
Ethylbenzene	706C3R3		3.22e+4	ng/dscm	7%O2	1.09e-3	lbs/hr	CE7%O2
Hexachlorobenzene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

## SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Hexachlorobenzene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Hexachlorobenzene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Hexachlorobutadiene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Hexachlorocyclopentadiene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Hexachloroethane	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Hexachloroethane	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Hexachloroethane	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Hexachloroethane	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Hexachloroethane	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Hexachloroethane	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Hexachloroethane	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Hexachloroethane	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Hexachloroethane	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Isophorone	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Isophorone	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Isophorone	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Isophorone	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Isophorone	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Isophorone	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Isophorone	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Isophorone	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Isophorone	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
N-Nitroso-di-n-propylamine	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
N-Nitrosodimethylamine	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Nitrobenzene	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Nitrobenzene	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Nitrobenzene	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Nitrobenzene	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Nitrobenzene	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Nitrobenzene	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Nitrobenzene	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Nitrobenzene	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Nitrobenzene	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2
Pentachlorophenol	706C1R1	ND	2.74e+4	ng/dscm	7%O2	1.66e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C1R2	ND	3.00e+4	ng/dscm	7%O2	1.90e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C1R3	ND	2.48e+4	ng/dscm	7%O2	1.52e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C2R1	ND	3.86e+4	ng/dscm	7%O2	2.22e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C2R2	ND	2.61e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C2R3	ND	2.57e+4	ng/dscm	7%O2	1.41e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C3R1	ND	8.61e+4	ng/dscm	7%O2	2.84e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C3R2	ND	4.12e+4	ng/dscm	7%O2	1.43e-3	lbs/hr	CE7%O2
Pentachlorophenol	706C3R3	ND	2.72e+4	ng/dscm	7%O2	9.19e-4	lbs/hr	CE7%O2
Phenol	706C1R1	ND	5.48e+3	ng/dscm	7%O2	3.33e-4	lbs/hr	CE7%O2
Phenol	706C1R2	ND	6.00e+3	ng/dscm	7%O2	3.80e-4	lbs/hr	CE7%O2
Phenol	706C1R3	ND	4.96e+3	ng/dscm	7%O2	3.04e-4	lbs/hr	CE7%O2
Phenol	706C2R1	ND	7.72e+3	ng/dscm	7%O2	4.44e-4	lbs/hr	CE7%O2
Phenol	706C2R2	ND	5.22e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Phenol	706C2R3	ND	5.15e+3	ng/dscm	7%O2	2.83e-4	lbs/hr	CE7%O2
Phenol	706C3R1	ND	1.72e+4	ng/dscm	7%O2	5.68e-4	lbs/hr	CE7%O2
Phenol	706C3R2	ND	8.23e+3	ng/dscm	7%O2	2.86e-4	lbs/hr	CE7%O2
Phenol	706C3R3	ND	5.44e+3	ng/dscm	7%O2	1.84e-4	lbs/hr	CE7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
CO	706C1R1	3.40e+1	ppmv 7%O2	2.40e+0	lbs/hr	CC7%O2
CO	706C1R2	2.78e+1	ppmv 7%O2	2.04e+0	lbs/hr	CC7%O2
CO	706C1R3	3.21e+1	ppmv 7%O2	2.28e+0	lbs/hr	CC7%O2
CO	706C2R1	4.20e+1	ppmv 7%O2	2.80e+0	lbs/hr	CC7%O2
CO	706C2R2	4.07e+1	ppmv 7%O2	2.76e+0	lbs/hr	CC7%O2
CO	706C2R3	4.46e+1	ppmv 7%O2	2.84e+0	lbs/hr	CC7%O2
CO	706C3R1	4.52e+1	ppmv 7%O2	1.73e+0	lbs/hr	CC7%O2
CO	706C3R2	4.88e+1	ppmv 7%O2	1.97e+0	lbs/hr	CC7%O2
CO	706C3R3	4.06e+1	ppmv 7%O2	1.59e+0	lbs/hr	CC7%O2
THC	706C1R1	5.63e+0	ppmv 7%O2	6.24e-1	lbs/hr	CC7%O2
THC	706C1R2	6.61e+0	ppmv 7%O2	7.63e-1	lbs/hr	CC7%O2
THC	706C1R3	3.80e+0	ppmv 7%O2	4.25e-1	lbs/hr	CC7%O2
THC	706C2R1	4.85e+0	ppmv 7%O2	5.09e-1	lbs/hr	CC7%O2
THC	706C2R2	4.22e+0	ppmv 7%O2	4.50e-1	lbs/hr	CC7%O2
THC	706C2R3	4.47e+0	ppmv 7%O2	4.48e-1	lbs/hr	CC7%O2
THC	706C3R1	5.03e+0	ppmv 7%O2	3.03e-1	lbs/hr	CC7%O2
THC	706C3R2	5.83e+0	ppmv 7%O2	3.70e-1	lbs/hr	CC7%O2
THC	706C3R3	5.46e+0	ppmv 7%O2	3.36e-1	lbs/hr	CC7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc		
1,1,1-Trichloroethane	706C1R1	5.85e+2	ng/dscm 7%O2	3.56e-5	lbs/hr	CE7%O2	
1,1,1-Trichloroethane	706C1R2	4	8.75e+2	ng/dscm 7%O2	5.54e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C1R3		1.34e+3	ng/dscm 7%O2	8.20e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C2R1		8.86e+2	ng/dscm 7%O2	5.09e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C2R2		3.65e+2	ng/dscm 7%O2	2.14e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C2R3	ND	2.38e+2	ng/dscm 7%O2	1.31e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C3R1	4	9.94e+2	ng/dscm 7%O2	3.28e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C3R2		1.02e+3	ng/dscm 7%O2	3.55e-5	lbs/hr	CE7%O2
1,1,1-Trichloroethane	706C3R3		9.12e+2	ng/dscm 7%O2	3.08e-5	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C1R1	ND	1.03e+2	ng/dscm 7%O2	6.25e-6	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C1R2	ND	1.19e+2	ng/dscm 7%O2	7.56e-6	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C1R3		0.00e+0		0.00e+0		
1,1,2,2-Tetrachloroethane	706C2R1	ND	1.24e+2	ng/dscm 7%O2	7.13e-6	lbs/hr	CE7%O2

## SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

1,1,2,2-Tetrachloroethane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,1,2-Trichloroethane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,1-Dichloroethane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,1-Dichloroethene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,2-Dichloroethane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,2-Dichloroethene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
1,2-Dichloropropane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
2-Hexanone	706C1R1	ND	2.14e+2	ng/dscm	7%O2	1.30e-5	lbs/hr	CE7%O2
2-Hexanone	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
2-Hexanone	706C1R3	ND	2.28e+2	ng/dscm	7%O2	1.40e-5	lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

2-Hexanone	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
2-Hexanone	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
2-Hexanone	706C2R3	ND	2.38e+2	ng/dscm	7%O2	1.31e-5	lbs/hr	CE7%O2
2-Hexanone	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
2-Hexanone	706C3R2	ND	2.60e+2	ng/dscm	7%O2	9.03e-6	lbs/hr	CE7%O2
2-Hexanone	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2
Acetone	706C1R1	ND	2.14e+2	ng/dscm	7%O2	1.30e-5	lbs/hr	CE7%O2
Acetone	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Acetone	706C1R3	ND	9.44e+2	ng/dscm	7%O2	5.78e-5	lbs/hr	CE7%O2
Acetone	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
Acetone	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
Acetone	706C2R3	4	2.72e+2	ng/dscm	7%O2	1.49e-5	lbs/hr	CE7%O2
Acetone	706C3R1	4	4.97e+2	ng/dscm	7%O2	1.64e-5	lbs/hr	CE7%O2
Acetone	706C3R2	ND	8.34e+2	ng/dscm	7%O2	2.90e-5	lbs/hr	CE7%O2
Acetone	706C3R3	ND	1.20e+3	ng/dscm	7%O2	4.04e-5	lbs/hr	CE7%O2
Benzene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Benzene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Benzene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Benzene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Benzene	706C2R2	ND	1.26e+2	ng/dscm	7%O2	7.38e-6	lbs/hr	CE7%O2
Benzene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Benzene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Benzene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Benzene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C2R3	ND	2.38e+2	ng/dscm	7%O2	1.31e-5	lbs/hr	CE7%O2
Bromodichloromethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Bromodichloromethane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Bromoform	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Bromoform	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Bromoform	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Bromoform	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Bromoform	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Bromoform	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Bromoform	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Bromoform	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Bromoform	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Bromomethane	706C1R1	2	2.69e+2	ng/dscm	7%O2	1.64e-5	lbs/hr	CE7%O2
Bromomethane	706C1R2	ND	4.77e+2	ng/dscm	7%O2	3.02e-5	lbs/hr	CE7%O2
Bromomethane	706C1R3	ND	2.28e+2	ng/dscm	7%O2	1.40e-5	lbs/hr	CE7%O2
Bromomethane	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
Bromomethane	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
Bromomethane	706C2R3	3	1.36e+2	ng/dscm	7%O2	7.46e-6	lbs/hr	CE7%O2
Bromomethane	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
Bromomethane	706C3R2	ND	2.60e+2	ng/dscm	7%O2	9.03e-6	lbs/hr	CE7%O2
Bromomethane	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2
Carbon disulfide	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Carbon disulfide	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Carbon disulfide	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Carbon disulfide	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Carbon disulfide	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Carbon disulfide	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Carbon disulfide	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Carbon disulfide	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Carbon disulfide	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Carbon Tetrachloride	706C1R1	ND	8.70e+1	ng/dscm	7%O2	5.29e-6	lbs/hr	CE7%O2
Carbon Tetrachloride	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION  
 2. STATE: LA  
 3. CITY: BATON ROUGE  
 4. EP ID: 706 DEVICE NAME: INCINERATOR

EPA ID: LAD053783445  
 SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

REGION: 6

Carbon Tetrachloride	706C1R3	5	3.38e+2	ng/dscm	7%O2	2.07e-5	lbs/hr	CE7%O2
Carbon Tetrachloride	706C2R1		0.00e+0			0.00e+0		
Carbon Tetrachloride	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Carbon Tetrachloride	706C2R3	5	5.60e+2	ng/dscm	7%O2	3.08e-5	lbs/hr	CE7%O2
Carbon Tetrachloride	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Carbon Tetrachloride	706C3R2	5	2.41e+2	ng/dscm	7%O2	8.39e-6	lbs/hr	CE7%O2
Carbon Tetrachloride	706C3R3		1.11e+3	ng/dscm	7%O2	3.73e-5	lbs/hr	CE7%O2
Chlorobenzene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Chlorobenzene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Chlorobenzene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Chlorobenzene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Chlorobenzene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Chlorobenzene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Chlorobenzene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Chlorobenzene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Chlorobenzene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Chloroethane	706C1R1	ND	2.14e+2	ng/dscm	7%O2	1.30e-5	lbs/hr	CE7%O2
Chloroethane	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Chloroethane	706C1R3	ND	2.28e+4	ng/dscm	7%O2	1.40e-3	lbs/hr	CE7%O2
Chloroethane	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
Chloroethane	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
Chloroethane	706C2R3	ND	2.38e+2	ng/dscm	7%O2	1.31e-5	lbs/hr	CE7%O2
Chloroethane	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
Chloroethane	706C3R2	ND	2.60e+2	ng/dscm	7%O2	9.03e-6	lbs/hr	CE7%O2
Chloroethane	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2
Chloroform	706C1R1		1.58e+1	ng/dscm	7%O2	9.62e-7	lbs/hr	CE7%O2
Chloroform	706C1R2	6	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Chloroform	706C1R3		1.34e+2	ng/dscm	7%O2	8.20e-6	lbs/hr	CE7%O2
Chloroform	706C2R1	6	1.42e+2	ng/dscm	7%O2	8.15e-6	lbs/hr	CE7%O2
Chloroform	706C2R2		1.48e+2	ng/dscm	7%O2	8.65e-6	lbs/hr	CE7%O2
Chloroform	706C2R3		2.12e+2	ng/dscm	7%O2	1.17e-5	lbs/hr	CE7%O2
Chloroform	706C3R1	3	1.08e+2	ng/dscm	7%O2	3.58e-6	lbs/hr	CE7%O2
Chloroform	706C3R2	3	9.27e+1	ng/dscm	7%O2	3.23e-6	lbs/hr	CE7%O2
Chloroform	706C3R3	2	7.83e+1	ng/dscm	7%O2	2.64e-6	lbs/hr	CE7%O2
Chloromethane	706C1R1		7.36e+3	ng/dscm	7%O2	4.47e-4	lbs/hr	CE7%O2
Chloromethane	706C1R2		5.01e+3	ng/dscm	7%O2	3.17e-4	lbs/hr	CE7%O2
Chloromethane	706C1R3		7.31e+3	ng/dscm	7%O2	4.48e-4	lbs/hr	CE7%O2
Chloromethane	706C2R1		0.00e+0			0.00e+0		
Chloromethane	706C2R2		7.91e+3	ng/dscm	7%O2	4.63e-4	lbs/hr	CE7%O2
Chloromethane	706C2R3		9.33e+3	ng/dscm	7%O2	5.13e-4	lbs/hr	CE7%O2
Chloromethane	706C3R1		3.88e+3	ng/dscm	7%O2	1.28e-4	lbs/hr	CE7%O2
Chloromethane	706C3R2		5.01e+3	ng/dscm	7%O2	1.74e-4	lbs/hr	CE7%O2
Chloromethane	706C3R3		3.96e+3	ng/dscm	7%O2	1.34e-4	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
cis-1,3-Dichloropropene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Cyanide	706C1R1		2.52e+4	ng/dscm	7%O2	1.53e-3	lbs/hr	CE7%O2
Cyanide	706C1R3		2.93e+4	ng/dscm	7%O2	1.79e-3	lbs/hr	CE7%O2
Cyanide	706C2R1		6.92e+4	ng/dscm	7%O2	3.98e-3	lbs/hr	CE7%O2
Cyanide	706C2R2		6.61e+4	ng/dscm	7%O2	3.87e-3	lbs/hr	CE7%O2
Cyanide	706C2R3		4.30e+4	ng/dscm	7%O2	2.36e-3	lbs/hr	CE7%O2
Cyanide	706C3R1		1.84e+4	ng/dscm	7%O2	6.08e-4	lbs/hr	CE7%O2
Cyanide	706C3R2		4.03e+4	ng/dscm	7%O2	1.40e-3	lbs/hr	CE7%O2
Cyanide	706C3R3		2.98e+4	ng/dscm	7%O2	1.01e-3	lbs/hr	CE7%O2
Dibromochloromethane	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Dibromochloromethane	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Dibromochloromethane	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Iodoethane	706C1R1	2	1.58e+1	ng/dscm	7%O2	9.62e-7	lbs/hr	CE7%O2
Iodoethane	706C1R2	3	5.01e+1	ng/dscm	7%O2	3.17e-6	lbs/hr	CE7%O2
Iodoethane	706C1R3	2	2.20e+1	ng/dscm	7%O2	1.35e-6	lbs/hr	CE7%O2
Iodoethane	706C2R1		0.00e+0			0.00e+0		
Iodoethane	706C2R2	2	1.57e+1	ng/dscm	7%O2	9.16e-7	lbs/hr	CE7%O2
Iodoethane	706C2R3	2	1.95e+1	ng/dscm	7%O2	1.07e-6	lbs/hr	CE7%O2
Iodoethane	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Iodoethane	706C3R2	2	1.76e+2	ng/dscm	7%O2	6.13e-6	lbs/hr	CE7%O2
Iodoethane	706C3R3	2	4.88e+1	ng/dscm	7%O2	1.65e-6	lbs/hr	CE7%O2
m,p-Xylene	706C1R1	4	4.11e+2	ng/dscm	7%O2	2.50e-5	lbs/hr	CE7%O2
m,p-Xylene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
m,p-Xylene	706C1R3	4	4.40e+2	ng/dscm	7%O2	2.70e-5	lbs/hr	CE7%O2
m,p-Xylene	706C2R1	4	3.19e+2	ng/dscm	7%O2	1.83e-5	lbs/hr	CE7%O2
m,p-Xylene	706C2R2		7.13e+2	ng/dscm	7%O2	4.17e-5	lbs/hr	CE7%O2
m,p-Xylene	706C2R3		1.44e+3	ng/dscm	7%O2	7.93e-5	lbs/hr	CE7%O2
m,p-Xylene	706C3R1	4	5.78e+2	ng/dscm	7%O2	1.91e-5	lbs/hr	CE7%O2
m,p-Xylene	706C3R2	4	2.78e+2	ng/dscm	7%O2	9.68e-6	lbs/hr	CE7%O2
m,p-Xylene	706C3R3	4	1.93e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C1R1	ND	2.14e+2	ng/dscm	7%O2	1.30e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C1R3	4	2.75e+2	ng/dscm	7%O2	1.69e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C2R3		0.00e+0			0.00e+0		
Methyl Ethyl Ketone	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C3R2	4	3.15e+2	ng/dscm	7%O2	1.10e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2
Methylene Chloride	706C1R1		1.19e+3	ng/dscm	7%O2	7.21e-5	lbs/hr	CE7%O2
Methylene Chloride	706C1R2		1.59e+3	ng/dscm	7%O2	1.01e-4	lbs/hr	CE7%O2
Methylene Chloride	706C1R3		4.17e+3	ng/dscm	7%O2	2.55e-4	lbs/hr	CE7%O2
Methylene Chloride	706C2R1		5.32e+3	ng/dscm	7%O2	3.06e-4	lbs/hr	CE7%O2
Methylene Chloride	706C2R2		2.17e+3	ng/dscm	7%O2	1.27e-4	lbs/hr	CE7%O2
Methylene Chloride	706C2R3		5.18e+3	ng/dscm	7%O2	2.84e-4	lbs/hr	CE7%O2
Methylene Chloride	706C3R1		6.77e+3	ng/dscm	7%O2	2.24e-4	lbs/hr	CE7%O2
Methylene Chloride	706C3R2		5.10e+3	ng/dscm	7%O2	1.77e-4	lbs/hr	CE7%O2
Methylene Chloride	706C3R3		8.66e+3	ng/dscm	7%O2	2.92e-4	lbs/hr	CE7%O2
o-Xylene	706C1R1		3.32e+2	ng/dscm	7%O2	2.02e-5	lbs/hr	CE7%O2
o-Xylene	706C1R2	4	1.51e+2	ng/dscm	7%O2	9.57e-6	lbs/hr	CE7%O2
o-Xylene	706C1R3	6	3.30e+2	ng/dscm	7%O2	2.02e-5	lbs/hr	CE7%O2
o-Xylene	706C2R1	5	1.15e+2	ng/dscm	7%O2	6.62e-6	lbs/hr	CE7%O2
o-Xylene	706C2R2	6	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
o-Xylene	706C2R3		4.41e+2	ng/dscm	7%O2	2.42e-5	lbs/hr	CE7%O2
o-Xylene	706C3R1	3	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
o-Xylene	706C3R2	4	1.48e+2	ng/dscm	7%O2	5.16e-6	lbs/hr	CE7%O2
o-Xylene	706C3R3	2	7.64e+1	ng/dscm	7%O2	2.58e-6	lbs/hr	CE7%O2
Styrene	706C1R1	6	6.09e+2	ng/dscm	7%O2	3.70e-5	lbs/hr	CE7%O2
Styrene	706C1R2	4	2.47e+2	ng/dscm	7%O2	1.56e-5	lbs/hr	CE7%O2
Styrene	706C1R3	4	2.36e+2	ng/dscm	7%O2	1.45e-5	lbs/hr	CE7%O2
Styrene	706C2R1	5	1.33e+2	ng/dscm	7%O2	7.64e-6	lbs/hr	CE7%O2
Styrene	706C2R2	4	2.26e+2	ng/dscm	7%O2	1.32e-5	lbs/hr	CE7%O2
Styrene	706C2R3	4	7.04e+2	ng/dscm	7%O2	3.87e-5	lbs/hr	CE7%O2
Styrene	706C3R1	4	1.90e+2	ng/dscm	7%O2	6.26e-6	lbs/hr	CE7%O2
Styrene	706C3R2	5	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Styrene	706C3R3	3	8.20e+1	ng/dscm	7%O2	2.77e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: CIBA-GEIGY CORPORATION

2. STATE: LA

3. CITY: BATON ROUGE

EPA ID: LAD053783445

REGION: 6

4. EP ID: 706 DEVICE NAME: INCINERATOR

SYSTEM TYPE: ONSITE INCINERATOR

APC SYSTEM: QT/HS/C

Tetrachloroethene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Tetrachloroethene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Toluene	706C1R1		2.37e+3	ng/dscm	7%O2	1.44e-4	lbs/hr	CE7%O2
Toluene	706C1R2	6	1.03e+3	ng/dscm	7%O2	6.55e-5	lbs/hr	CE7%O2
Toluene	706C1R3		3.78e+3	ng/dscm	7%O2	2.31e-4	lbs/hr	CE7%O2
Toluene	706C2R1		0.00e+0			0.00e+0		
Toluene	706C2R2		1.91e+3	ng/dscm	7%O2	1.12e-4	lbs/hr	CE7%O2
Toluene	706C2R3		7.38e+3	ng/dscm	7%O2	4.06e-4	lbs/hr	CE7%O2
Toluene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Toluene	706C3R2		1.11e+3	ng/dscm	7%O2	3.87e-5	lbs/hr	CE7%O2
Toluene	706C3R3		2.21e+3	ng/dscm	7%O2	7.46e-5	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
trans-1,3-Dichloropropene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Trichloroethene	706C1R1	ND	1.03e+2	ng/dscm	7%O2	6.25e-6	lbs/hr	CE7%O2
Trichloroethene	706C1R2	ND	1.19e+2	ng/dscm	7%O2	7.56e-6	lbs/hr	CE7%O2
Trichloroethene	706C1R3	ND	1.18e+2	ng/dscm	7%O2	7.23e-6	lbs/hr	CE7%O2
Trichloroethene	706C2R1	ND	1.24e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Trichloroethene	706C2R2	ND	1.22e+2	ng/dscm	7%O2	7.13e-6	lbs/hr	CE7%O2
Trichloroethene	706C2R3	ND	1.19e+2	ng/dscm	7%O2	6.53e-6	lbs/hr	CE7%O2
Trichloroethene	706C3R1	ND	1.26e+2	ng/dscm	7%O2	4.17e-6	lbs/hr	CE7%O2
Trichloroethene	706C3R2	ND	1.30e+2	ng/dscm	7%O2	4.52e-6	lbs/hr	CE7%O2
Trichloroethene	706C3R3	ND	1.38e+2	ng/dscm	7%O2	4.66e-6	lbs/hr	CE7%O2
Vinyl Acetate	706C1R1	ND	2.14e+2	ng/dscm	7%O2	1.30e-5	lbs/hr	CE7%O2
Vinyl Acetate	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Vinyl Acetate	706C1R3	ND	2.28e+2	ng/dscm	7%O2	1.40e-5	lbs/hr	CE7%O2
Vinyl Acetate	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
Vinyl Acetate	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
Vinyl Acetate	706C2R3		3.82e+3	ng/dscm	7%O2	2.10e-4	lbs/hr	CE7%O2
Vinyl Acetate	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
Vinyl Acetate	706C3R2	ND	2.60e+2	ng/dscm	7%O2	9.03e-6	lbs/hr	CE7%O2
Vinyl Acetate	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2
Vinyl Chloride	706C1R1	ND	2.14e+1	ng/dscm	7%O2	1.30e-6	lbs/hr	CE7%O2
Vinyl Chloride	706C1R2	ND	2.39e+2	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Vinyl Chloride	706C1R3	ND	2.28e+2	ng/dscm	7%O2	1.40e-5	lbs/hr	CE7%O2
Vinyl Chloride	706C2R1	ND	2.48e+2	ng/dscm	7%O2	1.43e-5	lbs/hr	CE7%O2
Vinyl Chloride	706C2R2	ND	2.52e+2	ng/dscm	7%O2	1.48e-5	lbs/hr	CE7%O2
Vinyl Chloride	706C2R3	ND	2.38e+4	ng/dscm	7%O2	1.31e-3	lbs/hr	CE7%O2
Vinyl Chloride	706C3R1	ND	2.62e+2	ng/dscm	7%O2	8.64e-6	lbs/hr	CE7%O2
Vinyl Chloride	706C3R2	ND	2.60e+2	ng/dscm	7%O2	9.03e-6	lbs/hr	CE7%O2
Vinyl Chloride	706C3R3	ND	2.76e+2	ng/dscm	7%O2	9.33e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

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

5. Type: UNCONTROLLED

6. Description: EMISSIONS Process Group: ? Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	784C1R1	8.37e+2 ppmv 7%O2	1.11e+1 lbs/hr	CE7%O2
HCl	784C1R2	8.65e+2 ppmv 7%O2	1.22e+1 lbs/hr	CE7%O2
HCl	784C1R3	8.95e+2 ppmv 7%O2	1.26e+1 lbs/hr	CE7%O2
HCl	784C2R1	9.39e+2 ppmv 7%O2	1.48e+1 lbs/hr	CE7%O2
HCl	784C2R2	8.43e+2 ppmv 7%O2	1.34e+1 lbs/hr	CE7%O2
HCl	784C2R3	9.49e+2 ppmv 7%O2	1.45e+1 lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	784C1R1	3.90e-2 gr/dscf 7%O2	7.79e-1 lbs/hr	CE
Particulate	784C1R2	3.80e-2 gr/dscf 7%O2	8.11e-1 lbs/hr	CE
Particulate	784C1R3	3.40e-2 gr/dscf 7%O2	7.25e-1 lbs/hr	CE
Particulate	784C2R1	4.20e-2 gr/dscf 7%O2	1.00e+0 lbs/hr	CE
Particulate	784C2R2	4.70e-2 gr/dscf 7%O2	1.13e+0 lbs/hr	CE
Particulate	784C2R3	4.40e-2 gr/dscf 7%O2	1.02e+0 lbs/hr	CE

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
CO	784C1R1	2.84e+0 ppmv 7%O2	2.88e-2 lbs/hr	CE7%O2
CO	784C1R2	2.68e+0 ppmv 7%O2	2.91e-2 lbs/hr	CE7%O2
CO	784C1R3	2.10e+0 ppmv 7%O2	2.27e-2 lbs/hr	CE7%O2
CO	784C2R1	4.91e+0 ppmv 7%O2	5.95e-2 lbs/hr	CE7%O2
CO	784C2R2	4.40e+0 ppmv 7%O2	5.38e-2 lbs/hr	CE7%O2
CO	784C2R3	4.60e+0 ppmv 7%O2	5.39e-2 lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,2-Dichloroethane	784C1R1	1.51e+4 ng/dscm 7%O2	1.32e-4 lbs/hr	CE7%O2
1,2-Dichloroethane	784C1R2	1.68e+4 ng/dscm 7%O2	1.56e-4 lbs/hr	CE7%O2
1,2-Dichloroethane	784C1R3	1.68e+4 ng/dscm 7%O2	1.56e-4 lbs/hr	CE7%O2
1,2-Dichloroethane	784C2R1	1.29e+4 ng/dscm 7%O2	1.35e-4 lbs/hr	CE7%O2
1,2-Dichloroethane	784C2R2	1.44e+4 ng/dscm 7%O2	1.51e-4 lbs/hr	CE7%O2
1,2-Dichloroethane	784C2R3	1.47e+4 ng/dscm 7%O2	1.48e-4 lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 344 DEVICE NAME: LIC

EPA ID: TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: QC/VS/PT/DM

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: LIQUID INJECTION Location: STACK Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Total PCDD/PCDF	344C2R1	5.30e-1 ng/dscm 7%O2	6.43e-9 lbs/hr	CE
Total PCDD/PCDF	344C2R2	3.53e-1 ng/dscm 7%O2	4.29e-9 lbs/hr	CE
Total PCDD/PCDF	344C2R3	4.24e-1 ng/dscm 7%O2	4.88e-9 lbs/hr	CE

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
HCl	344C1R1	ND 1.14e+0 ppmv 7%O2	2.51e-2 lbs/hr	CE7%O2
HCl	344C1R2	ND 1.01e+0 ppmv 7%O2	2.44e-2 lbs/hr	CE7%O2
HCl	344C1R3	ND 1.04e+0 ppmv 7%O2	2.38e-2 lbs/hr	CE7%O2
HCl	344C1R4	ND 1.10e+0 ppmv 7%O2	2.53e-2 lbs/hr	CE7%O2
HCl	344C2R1	ND 1.26e-1 ppmv 7%O2	2.30e-3 lbs/hr	CC7%O2
HCl	344C2R2	ND 1.91e+0 ppmv 7%O2	3.50e-2 lbs/hr	CC7%O2
HCl	344C2R3	ND 7.48e-1 ppmv 7%O2	1.30e-2 lbs/hr	CC7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Arsenic	344C2R1	ND 1.47e+1 ug/dscm 7%O2	1.78e-4 lbs/hr	CE7%O2
Arsenic	344C2R2	ND 1.42e+1 ug/dscm 7%O2	1.73e-4 lbs/hr	CE7%O2
Arsenic	344C2R3	3.06e+1 ug/dscm 7%O2	3.53e-4 lbs/hr	CE7%O2
Barium	344C2R1	1.47e+1 ug/dscm 7%O2	1.78e-4 lbs/hr	CE7%O2
Barium	344C2R2	8.48e+1 ug/dscm 7%O2	1.03e-3 lbs/hr	CE7%O2
Barium	344C2R3	ND 5.91e+0 ug/dscm 7%O2	6.80e-5 lbs/hr	CE7%O2
Chromium	344C1R1	3.35e+0 ug/dscm 7%O2	4.88e-5 lbs/hr	CE7%O2
Chromium	344C1R2	2.45e+0 ug/dscm 7%O2	3.93e-5 lbs/hr	CE7%O2
Chromium	344C1R3	2.69e+0 ug/dscm 7%O2	4.09e-5 lbs/hr	CE7%O2
Chromium	344C1R4	3.19e+0 ug/dscm 7%O2	4.84e-5 lbs/hr	CE7%O2
Lead	344C2R1	3.50e+1 ug/dscm 7%O2	4.25e-4 lbs/hr	CE7%O2
Lead	344C2R2	1.36e+1 ug/dscm 7%O2	1.65e-4 lbs/hr	CE7%O2
Lead	344C2R3	1.33e+1 ug/dscm 7%O2	1.54e-4 lbs/hr	CE7%O2
Nickel	344C2R1	6.56e-1 ug/dscm 7%O2	7.96e-6 lbs/hr	CE7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Naphthalene	344C1R1	ND 5.52e+3 ng/dscm 7%O2	8.04e-5 lbs/hr	CE7%O2
Naphthalene	344C1R2	ND 4.90e+3 ng/dscm 7%O2	7.85e-5 lbs/hr	CE7%O2
Naphthalene	344C1R3	2.51e+3 ng/dscm 7%O2	3.82e-5 lbs/hr	CE7%O2
Naphthalene	344C1R4	3.19e+3 ng/dscm 7%O2	4.84e-5 lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
Particulate	344C1R1	1.96e-3 gr/dscf 7%O2	6.54e-2 lbs/hr	CE
Particulate	344C1R2	7.21e-4 gr/dscf 7%O2	2.64e-2 lbs/hr	CE
Particulate	344C1R3	1.80e-3 gr/dscf 7%O2	6.25e-2 lbs/hr	CE
Particulate	344C1R4	1.28e-3 gr/dscf 7%O2	4.45e-2 lbs/hr	CE
Particulate	344C2R1	1.61e-3 gr/dscf 7%O2	4.47e-2 lbs/hr	CE
Particulate	344C2R2	1.83e-3 gr/dscf 7%O2	5.09e-2 lbs/hr	CE
Particulate	344C2R3	1.70e-3 gr/dscf 7%O2	4.48e-2 lbs/hr	CE

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 344 DEVICE NAME: LIC

EPA ID: TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: QC/VS/PT/DM

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
2-Methylphenol (o-Cresol)	344C1R1	5.13e+4 ng/dscm 7%O2	7.46e-4 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	344C1R2	4.02e+4 ng/dscm 7%O2	6.45e-4 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	344C1R3	2.51e+4 ng/dscm 7%O2	3.82e-4 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	344C1R4	4.43e+4 ng/dscm 7%O2	6.73e-4 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	344C2R1	2.62e+5 ng/dscm 7%O2	3.19e-3 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	344C2R2	1.51e+5 ng/dscm 7%O2	1.83e-3 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	344C2R3	7.66e+4 ng/dscm 7%O2	8.82e-4 lbs/hr	CE7%O2
3-Methylphenol (m-Cresol)	344C2R1	2.19e+4 ng/dscm 7%O2	2.65e-4 lbs/hr	CE7%O2
3-Methylphenol (m-Cresol)	344C2R2	2.76e+3 ng/dscm 7%O2	3.35e-5 lbs/hr	CE7%O2
3-Methylphenol (m-Cresol)	344C2R3	ND 6.12e+3 ng/dscm 7%O2	7.05e-5 lbs/hr	CE7%O2
4-Methyl-2-pentanone	344C2R1	1.03e+4 ng/dscm 7%O2	1.25e-4 lbs/hr	CE7%O2
4-Methyl-2-pentanone	344C2R2	ND 1.27e+3 ng/dscm 7%O2	1.54e-5 lbs/hr	CE7%O2
4-Methyl-2-pentanone	344C2R3	ND 1.31e+3 ng/dscm 7%O2	1.51e-5 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C1R1	3.75e+4 ng/dscm 7%O2	5.45e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C1R2	3.50e+4 ng/dscm 7%O2	5.61e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C1R3	2.51e+4 ng/dscm 7%O2	3.82e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C1R4	3.72e+4 ng/dscm 7%O2	5.65e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C2R1	1.82e+6 ng/dscm 7%O2	2.21e-2 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C2R2	5.09e+4 ng/dscm 7%O2	6.18e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	344C2R3	ND 6.12e+3 ng/dscm 7%O2	7.05e-5 lbs/hr	CE7%O2
Benzoic acid	344C1R1	ND 5.52e+3 ng/dscm 7%O2	8.04e-5 lbs/hr	CE7%O2
Benzoic acid	344C1R2	1.45e+5 ng/dscm 7%O2	2.33e-3 lbs/hr	CE7%O2
Benzoic acid	344C1R3	1.58e+5 ng/dscm 7%O2	2.40e-3 lbs/hr	CE7%O2
Benzoic acid	344C1R4	1.95e+5 ng/dscm 7%O2	2.96e-3 lbs/hr	CE7%O2
Benzyl alcohol	344C1R1	6.31e+5 ng/dscm 7%O2	9.19e-3 lbs/hr	CE7%O2
Benzyl alcohol	344C1R2	2.28e+5 ng/dscm 7%O2	3.65e-3 lbs/hr	CE7%O2
Benzyl alcohol	344C1R3	3.95e+5 ng/dscm 7%O2	6.00e-3 lbs/hr	CE7%O2
Benzyl alcohol	344C1R4	9.39e+5 ng/dscm 7%O2	1.43e-2 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C1R1	1.97e+4 ng/dscm 7%O2	2.87e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C1R2	1.92e+4 ng/dscm 7%O2	3.08e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C1R3	7.54e+3 ng/dscm 7%O2	1.15e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C1R4	1.12e+4 ng/dscm 7%O2	1.70e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C2R1	ND 6.12e+3 ng/dscm 7%O2	7.43e-5 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C2R2	2.55e+4 ng/dscm 7%O2	3.09e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	344C2R3	2.62e+4 ng/dscm 7%O2	3.02e-4 lbs/hr	CE7%O2
di-n-Butyl Phthalate	344C2R1	1.07e+4 ng/dscm 7%O2	1.30e-4 lbs/hr	CE7%O2
di-n-Butyl Phthalate	344C2R2	1.59e+4 ng/dscm 7%O2	1.93e-4 lbs/hr	CE7%O2
di-n-Butyl Phthalate	344C2R3	1.20e+4 ng/dscm 7%O2	1.39e-4 lbs/hr	CE7%O2
di-n-Octyl Phthalate	344C2R1	4.81e+4 ng/dscm 7%O2	5.84e-4 lbs/hr	CE7%O2
di-n-Octyl Phthalate	344C2R2	ND 5.94e+3 ng/dscm 7%O2	7.21e-5 lbs/hr	CE7%O2
di-n-Octyl Phthalate	344C2R3	ND 6.12e+3 ng/dscm 7%O2	7.05e-5 lbs/hr	CE7%O2
Diethylphthalate	344C2R1	9.25e+5 ng/dscm 7%O2	1.12e-2 lbs/hr	CE7%O2
Diethylphthalate	344C2R2	1.99e+4 ng/dscm 7%O2	2.42e-4 lbs/hr	CE7%O2
Diethylphthalate	344C2R3	6.56e+4 ng/dscm 7%O2	7.56e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C1R1	1.42e+4 ng/dscm 7%O2	2.07e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C1R2	1.52e+4 ng/dscm 7%O2	2.44e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C1R3	1.76e+4 ng/dscm 7%O2	2.67e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C1R4	1.19e+4 ng/dscm 7%O2	1.80e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C2R1	1.58e+4 ng/dscm 7%O2	1.91e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C2R2	4.45e+4 ng/dscm 7%O2	5.41e-4 lbs/hr	CE7%O2
Dimethylphthalate	344C2R3	3.72e+4 ng/dscm 7%O2	4.28e-4 lbs/hr	CE7%O2
Ethylbenzene	344C1R1	7.89e+2 ng/dscm 7%O2	1.15e-5 lbs/hr	CE7%O2
Ethylbenzene	344C1R2	1.22e+3 ng/dscm 7%O2	1.96e-5 lbs/hr	CE7%O2
Ethylbenzene	344C1R3	1.62e+3 ng/dscm 7%O2	2.46e-5 lbs/hr	CE7%O2
Ethylbenzene	344C1R4	1.06e+3 ng/dscm 7%O2	1.61e-5 lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 344 DEVICE NAME: LIC

EPA ID: TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: QC/VS/PT/DM

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
CO	344C1R1	1.29e+1 ppmv 7%O2	2.18e-1 lbs/hr	CE
CO	344C1R2	1.28e+1 ppmv 7%O2	2.38e-1 lbs/hr	CE
CO	344C1R3	1.36e+1 ppmv 7%O2	2.40e-1 lbs/hr	CE
CO	344C1R4	1.54e+1 ppmv 7%O2	2.72e-1 lbs/hr	CE
CO	344C2R1	1.90e+1 ppmv 7%O2	2.68e-1 lbs/hr	CE
CO	344C2R2	2.60e+1 ppmv 7%O2	3.67e-1 lbs/hr	CE
CO	344C2R3	1.80e+1 ppmv 7%O2	2.41e-1 lbs/hr	CE
THC	344C1R1	2.96e+0 ppmv 7%O2	7.86e-2 lbs/hr	CE7%O2
THC	344C1R2	2.10e+0 ppmv 7%O2	6.14e-2 lbs/hr	CE7%O2
THC	344C1R3	8.97e-1 ppmv 7%O2	2.49e-2 lbs/hr	CE7%O2
THC	344C1R4	1.49e+0 ppmv 7%O2	4.13e-2 lbs/hr	CE7%O2

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration	Mass Rate	Calc
1,1,1-Trichloroethane	344C2R1	1.18e+4 ng/dscm 7%O2	1.43e-4 lbs/hr	CE7%O2
1,1,1-Trichloroethane	344C2R2	ND 1.27e+3 ng/dscm 7%O2	1.54e-5 lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	344C2R1	2.19e+3 ng/dscm 7%O2	2.65e-5 lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	344C2R2	ND 1.27e+3 ng/dscm 7%O2	1.54e-5 lbs/hr	CE7%O2
1,1,2,2-Tetrachloroethane	344C2R3	ND 1.31e+3 ng/dscm 7%O2	1.51e-5 lbs/hr	CE7%O2
1,2-Dichloropropane	344C2R1	ND 1.31e+3 ng/dscm 7%O2	1.59e-5 lbs/hr	CE7%O2
1,2-Dichloropropane	344C2R2	1.04e+6 ng/dscm 7%O2	1.26e-2 lbs/hr	CE7%O2
1,2-Dichloropropane	344C2R3	ND 1.31e+3 ng/dscm 7%O2	1.51e-5 lbs/hr	CE7%O2
2-Hexanone	344C2R1	7.66e+3 ng/dscm 7%O2	9.29e-5 lbs/hr	CE7%O2
2-Hexanone	344C2R2	ND 1.27e+3 ng/dscm 7%O2	1.54e-5 lbs/hr	CE7%O2
2-Hexanone	344C2R3	ND 1.31e+3 ng/dscm 7%O2	1.51e-5 lbs/hr	CE7%O2
Acetone	344C1R1	ND 3.94e+2 ng/dscm 7%O2	5.74e-6 lbs/hr	CE7%O2
Acetone	344C1R2	6.67e+4 ng/dscm 7%O2	1.07e-3 lbs/hr	CE7%O2
Acetone	344C1R3	ND 3.59e+2 ng/dscm 7%O2	5.46e-6 lbs/hr	CE7%O2
Acetone	344C1R4	ND 3.54e+2 ng/dscm 7%O2	5.38e-6 lbs/hr	CE7%O2
Acetone	344C2R1	1.09e+5 ng/dscm 7%O2	1.33e-3 lbs/hr	CE7%O2
Acetone	344C2R2	5.30e+4 ng/dscm 7%O2	6.44e-4 lbs/hr	CE7%O2
Acetone	344C2R3	7.44e+4 ng/dscm 7%O2	8.56e-4 lbs/hr	CE7%O2
Benzene	344C1R1	5.32e+3 ng/dscm 7%O2	7.75e-5 lbs/hr	CE7%O2
Benzene	344C1R2	5.60e+3 ng/dscm 7%O2	8.97e-5 lbs/hr	CE7%O2
Benzene	344C1R3	9.51e+3 ng/dscm 7%O2	1.45e-4 lbs/hr	CE7%O2
Benzene	344C1R4	1.65e+4 ng/dscm 7%O2	2.50e-4 lbs/hr	CE7%O2
Benzene	344C2R1	9.84e+4 ng/dscm 7%O2	1.19e-3 lbs/hr	CE7%O2
Benzene	344C2R2	ND 1.27e+3 ng/dscm 7%O2	1.54e-5 lbs/hr	CE7%O2
Benzene	344C2R3	ND 1.31e+3 ng/dscm 7%O2	1.51e-5 lbs/hr	CE7%O2
Bromoform	344C1R1	5.13e+3 ng/dscm 7%O2	7.46e-5 lbs/hr	CE7%O2
Bromoform	344C1R2	1.40e+3 ng/dscm 7%O2	2.24e-5 lbs/hr	CE7%O2
Bromoform	344C1R3	5.03e+3 ng/dscm 7%O2	7.64e-5 lbs/hr	CE7%O2
Bromoform	344C1R4	2.66e+3 ng/dscm 7%O2	4.04e-5 lbs/hr	CE7%O2
Bromoform	344C2R1	6.12e+3 ng/dscm 7%O2	7.43e-5 lbs/hr	CE7%O2
Bromoform	344C2R2	6.36e+3 ng/dscm 7%O2	7.72e-5 lbs/hr	CE7%O2
Bromoform	344C2R3	2.19e+3 ng/dscm 7%O2	2.52e-5 lbs/hr	CE7%O2
Chloromethane	344C2R1	8.97e+5 ng/dscm 7%O2	1.09e-2 lbs/hr	CE7%O2
Chloromethane	344C2R2	7.00e+5 ng/dscm 7%O2	8.50e-3 lbs/hr	CE7%O2
Chloromethane	344C2R3	7.44e+5 ng/dscm 7%O2	8.56e-3 lbs/hr	CE7%O2
cis-1,3-Dichloropropene	344C2R1	ND 1.31e+3 ng/dscm 7%O2	1.59e-5 lbs/hr	CE7%O2
cis-1,3-Dichloropropene	344C2R2	8.91e+5 ng/dscm 7%O2	1.08e-2 lbs/hr	CE7%O2
cis-1,3-Dichloropropene	344C2R3	ND 1.31e+3 ng/dscm 7%O2	1.51e-5 lbs/hr	CE7%O2
Dibromochloromethane	344C1R1	7.89e+2 ng/dscm 7%O2	1.15e-5 lbs/hr	CE7%O2
Dibromochloromethane	344C1R2	ND 3.50e+2 ng/dscm 7%O2	5.61e-6 lbs/hr	CE7%O2
Dibromochloromethane	344C1R3	ND 3.59e+2 ng/dscm 7%O2	5.46e-6 lbs/hr	CE7%O2



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 344 DEVICE NAME: LIC

EPA ID: TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: QC/VS/PT/DM

Dibromochloromethane	344C1R4	ND	3.54e+2	ng/dscm	7%O2	5.38e-6	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C1R1		1.01e+5	ng/dscm	7%O2	1.46e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C1R2		1.12e+5	ng/dscm	7%O2	1.79e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C1R3		9.87e+4	ng/dscm	7%O2	1.50e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C1R4		1.52e+5	ng/dscm	7%O2	2.31e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C2R1		9.19e+4	ng/dscm	7%O2	1.11e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C2R2		7.00e+4	ng/dscm	7%O2	8.50e-4	lbs/hr	CE7%O2
Methyl Ethyl Ketone	344C2R3		8.09e+4	ng/dscm	7%O2	9.32e-4	lbs/hr	CE7%O2
Methylene Chloride	344C2R1		3.06e+6	ng/dscm	7%O2	3.72e-2	lbs/hr	CE7%O2
Methylene Chloride	344C2R2		2.97e+4	ng/dscm	7%O2	3.60e-4	lbs/hr	CE7%O2
Methylene Chloride	344C2R3		2.84e+5	ng/dscm	7%O2	3.27e-3	lbs/hr	CE7%O2
Styrene	344C2R1		7.22e+3	ng/dscm	7%O2	8.76e-5	lbs/hr	CE7%O2
Styrene	344C2R2	ND	1.27e+3	ng/dscm	7%O2	1.54e-5	lbs/hr	CE7%O2
Styrene	344C2R3	ND	1.31e+3	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Tetrachloroethene	344C2R1		2.62e+3	ng/dscm	7%O2	3.19e-5	lbs/hr	CE7%O2
Tetrachloroethene	344C2R2		4.24e+2	ng/dscm	7%O2	5.15e-6	lbs/hr	CE7%O2
Tetrachloroethene	344C2R3		1.75e+3	ng/dscm	7%O2	2.01e-5	lbs/hr	CE7%O2
Toluene	344C1R1	ND	3.94e+2	ng/dscm	7%O2	5.74e-6	lbs/hr	CE7%O2
Toluene	344C1R2		4.46e+3	ng/dscm	7%O2	7.15e-5	lbs/hr	CE7%O2
Toluene	344C1R3	ND	1.79e+2	ng/dscm	7%O2	2.73e-6	lbs/hr	CE7%O2
Toluene	344C1R4	ND	3.54e+2	ng/dscm	7%O2	5.38e-6	lbs/hr	CE7%O2
Toluene	344C2R1		1.53e+3	ng/dscm	7%O2	1.86e-5	lbs/hr	CE7%O2
Toluene	344C2R2		1.70e+3	ng/dscm	7%O2	2.06e-5	lbs/hr	CE7%O2
Toluene	344C2R3		2.41e+3	ng/dscm	7%O2	2.77e-5	lbs/hr	CE7%O2
Total Xylene	344C1R1		4.34e+3	ng/dscm	7%O2	6.32e-5	lbs/hr	CE7%O2
Total Xylene	344C1R2		4.55e+3	ng/dscm	7%O2	7.29e-5	lbs/hr	CE7%O2
Total Xylene	344C1R3		6.46e+3	ng/dscm	7%O2	9.82e-5	lbs/hr	CE7%O2
Total Xylene	344C1R4		4.96e+3	ng/dscm	7%O2	7.54e-5	lbs/hr	CE7%O2
Total Xylene	344C2R1		1.97e+3	ng/dscm	7%O2	2.39e-5	lbs/hr	CE7%O2
Total Xylene	344C2R2	ND	1.27e+3	ng/dscm	7%O2	1.54e-5	lbs/hr	CE7%O2
Total Xylene	344C2R3	ND	1.31e+3	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2
Vinyl Acetate	344C2R1	ND	1.31e+3	ng/dscm	7%O2	1.59e-5	lbs/hr	CE7%O2
Vinyl Acetate	344C2R2		1.48e+3	ng/dscm	7%O2	1.80e-5	lbs/hr	CE7%O2
Vinyl Acetate	344C2R3	ND	1.31e+3	ng/dscm	7%O2	1.51e-5	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 346 DEVICE NAME: DFS

EPA TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: C/QC/VS/PT/DM

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: ROTARY KILN Location: STACK Phase: GAS

7. Category: Dioxin & Furan

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc
4D 2378	346C1R1	ND	1.28e-2	ng/dscm 7%O2	2.79e-10 lbs/hr	CE7%O2
4D 2378	346C1R2	ND	1.13e-2	ng/dscm 7%O2	2.65e-10 lbs/hr	CE7%O2
4D 2378	346C1R3	ND	1.25e-2	ng/dscm 7%O2	2.76e-10 lbs/hr	CE7%O2
4D 2378	346C1R4	ND	1.19e-2	ng/dscm 7%O2	2.69e-10 lbs/hr	CE7%O2
4D Other	346C1R1		-6.39e-3	ng/dscm 7%O2	-1.40e-10 lbs/hr	OCE
4D Other	346C1R2		0.00e+0		0.00e+0	OCE
4D Other	346C1R3		3.12e-3	ng/dscm 7%O2	6.90e-11 lbs/hr	OCE
4D Other	346C1R4		5.95e-3	ng/dscm 7%O2	1.35e-10 lbs/hr	OCE
4D Total	346C1R1	ND	6.39e-3	ng/dscm 7%O2	1.40e-10 lbs/hr	CE7%O2
4D Total	346C1R2	ND	1.13e-2	ng/dscm 7%O2	2.65e-10 lbs/hr	CE7%O2
4D Total	346C1R3	4	1.56e-2	ng/dscm 7%O2	3.45e-10 lbs/hr	CE7%O2
4D Total	346C1R4	4	1.79e-2	ng/dscm 7%O2	4.04e-10 lbs/hr	CE7%O2
4F 2378	346C1R1	ND	1.28e-2	ng/dscm 7%O2	2.79e-10 lbs/hr	CE7%O2
4F 2378	346C1R2	ND	1.13e-2	ng/dscm 7%O2	2.65e-10 lbs/hr	CE7%O2
4F 2378	346C1R3	ND	1.25e-2	ng/dscm 7%O2	2.76e-10 lbs/hr	CE7%O2
4F 2378	346C1R4	ND	1.19e-2	ng/dscm 7%O2	2.69e-10 lbs/hr	CE7%O2
4F Other	346C1R1		1.28e-2	ng/dscm 7%O2	2.79e-10 lbs/hr	OCE
4F Other	346C1R2		0.00e+0		0.00e+0	OCE
4F Other	346C1R3		0.00e+0		0.00e+0	OCE
4F Other	346C1R4		0.00e+0		0.00e+0	OCE
4F Total	346C1R1	4	2.56e-2	ng/dscm 7%O2	5.59e-10 lbs/hr	CE7%O2
4F Total	346C1R2	ND	1.13e-2	ng/dscm 7%O2	2.65e-10 lbs/hr	CE7%O2
4F Total	346C1R3	4	1.25e-2	ng/dscm 7%O2	2.76e-10 lbs/hr	CE7%O2
4F Total	346C1R4	ND	1.19e-2	ng/dscm 7%O2	2.69e-10 lbs/hr	CE7%O2
5D 12378	346C1R1	ND	6.39e-2	ng/dscm 7%O2	1.40e-9 lbs/hr	CE7%O2
5D 12378	346C1R2	ND	5.67e-2	ng/dscm 7%O2	1.33e-9 lbs/hr	CE7%O2
5D 12378	346C1R3	ND	6.23e-2	ng/dscm 7%O2	1.38e-9 lbs/hr	CE7%O2
5D 12378	346C1R4	ND	5.95e-2	ng/dscm 7%O2	1.35e-9 lbs/hr	CE7%O2
5D Other	346C1R1		2.24e-2	ng/dscm 7%O2	4.89e-10 lbs/hr	OCE
5D Other	346C1R2		0.00e+0		0.00e+0	OCE
5D Other	346C1R3		0.00e+0		0.00e+0	OCE
5D Other	346C1R4		0.00e+0		0.00e+0	OCE
5D Total	346C1R1	4	8.63e-2	ng/dscm 7%O2	1.89e-9 lbs/hr	CE7%O2
5D Total	346C1R2	ND	5.67e-2	ng/dscm 7%O2	1.33e-9 lbs/hr	CE7%O2
5D Total	346C1R3	ND	6.23e-2	ng/dscm 7%O2	1.38e-9 lbs/hr	CE7%O2
5D Total	346C1R4	ND	5.95e-2	ng/dscm 7%O2	1.35e-9 lbs/hr	CE7%O2
5F 12378	346C1R1	ND	6.39e-2	ng/dscm 7%O2	1.40e-9 lbs/hr	CE7%O2
5F 12378	346C1R2	ND	5.67e-2	ng/dscm 7%O2	1.33e-9 lbs/hr	CE7%O2
5F 12378	346C1R3	ND	6.23e-2	ng/dscm 7%O2	1.38e-9 lbs/hr	CE7%O2
5F 12378	346C1R4	ND	5.95e-2	ng/dscm 7%O2	1.35e-9 lbs/hr	CE7%O2
5F 23478	346C1R1	4	7.99e-2	ng/dscm 7%O2	1.75e-9 lbs/hr	CE7%O2
5F 23478	346C1R2	ND	5.67e-2	ng/dscm 7%O2	1.33e-9 lbs/hr	CE7%O2
5F 23478	346C1R3	ND	6.23e-2	ng/dscm 7%O2	1.38e-9 lbs/hr	CE7%O2
5F 23478	346C1R4	ND	5.95e-2	ng/dscm 7%O2	1.35e-9 lbs/hr	CE7%O2
5F Other	346C1R1		1.34e-1	ng/dscm 7%O2	2.93e-9 lbs/hr	OCE
5F Other	346C1R2		-5.67e-2	ng/dscm 7%O2	-1.33e-9 lbs/hr	OCE
5F Other	346C1R3		-6.23e-2	ng/dscm 7%O2	-1.38e-9 lbs/hr	OCE
5F Other	346C1R4		-5.95e-2	ng/dscm 7%O2	-1.35e-9 lbs/hr	OCE
5F Total	346C1R1	4	2.78e-1	ng/dscm 7%O2	6.07e-9 lbs/hr	CE7%O2
5F Total	346C1R2	4	5.67e-2	ng/dscm 7%O2	1.33e-9 lbs/hr	CE7%O2
5F Total	346C1R3	ND	6.23e-2	ng/dscm 7%O2	1.38e-9 lbs/hr	CE7%O2
5F Total	346C1R4	ND	5.95e-2	ng/dscm 7%O2	1.35e-9 lbs/hr	CE7%O2
6D 123478	346C1R1	ND	6.39e-2	ng/dscm 7%O2	1.40e-9 lbs/hr	CE7%O2
6D 123478	346C1R2	ND	5.67e-2	ng/dscm 7%O2	1.33e-9 lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT



SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 346 DEVICE NAME: DFS

EPA ID: TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: C/QC/VS/PT/DM

6D 123478	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6D 123478	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6D 123678	346C1R1	ND	6.39e-2	ng/dscm	7%O2	1.40e-9	lbs/hr	CE7%O2
6D 123678	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
6D 123678	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6D 123678	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6D 123789	346C1R1	4	6.39e-2	ng/dscm	7%O2	1.40e-9	lbs/hr	CE7%O2
6D 123789	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
6D 123789	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6D 123789	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6D Other	346C1R1		1.92e-2	ng/dscm	7%O2	4.19e-10	lbs/hr	OCE
6D Other	346C1R2		-7.94e-2	ng/dscm	7%O2	-1.86e-9	lbs/hr	OCE
6D Other	346C1R3		-1.25e-1	ng/dscm	7%O2	-2.76e-9	lbs/hr	OCE
6D Other	346C1R4		-1.19e-1	ng/dscm	7%O2	-2.69e-9	lbs/hr	OCE
6D Total	346C1R1	4	2.11e-1	ng/dscm	7%O2	4.61e-9	lbs/hr	CE7%O2
6D Total	346C1R2	4	9.07e-2	ng/dscm	7%O2	2.12e-9	lbs/hr	CE7%O2
6D Total	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6D Total	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6F 123478	346C1R1	4	7.67e-2	ng/dscm	7%O2	1.68e-9	lbs/hr	CE7%O2
6F 123478	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
6F 123478	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6F 123478	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6F 123678	346C1R1	ND	6.39e-2	ng/dscm	7%O2	1.40e-9	lbs/hr	CE7%O2
6F 123678	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
6F 123678	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6F 123678	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6F 123789	346C1R1	ND	6.39e-2	ng/dscm	7%O2	1.40e-9	lbs/hr	CE7%O2
6F 123789	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
6F 123789	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6F 123789	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6F 234678	346C1R1	4	8.95e-2	ng/dscm	7%O2	1.96e-9	lbs/hr	CE7%O2
6F 234678	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
6F 234678	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6F 234678	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
6F Other	346C1R1		5.43e-2	ng/dscm	7%O2	1.19e-9	lbs/hr	OCE
6F Other	346C1R2		-1.53e-1	ng/dscm	7%O2	-3.58e-9	lbs/hr	OCE
6F Other	346C1R3		-1.87e-1	ng/dscm	7%O2	-4.14e-9	lbs/hr	OCE
6F Other	346C1R4		-1.79e-1	ng/dscm	7%O2	-4.04e-9	lbs/hr	OCE
6F Total	346C1R1	4	3.48e-1	ng/dscm	7%O2	7.61e-9	lbs/hr	CE7%O2
6F Total	346C1R2	4	7.37e-2	ng/dscm	7%O2	1.72e-9	lbs/hr	CE7%O2
6F Total	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
6F Total	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
7D 1234678	346C1R1	4	1.50e-1	ng/dscm	7%O2	3.28e-9	lbs/hr	CE7%O2
7D 1234678	346C1R2	4	8.50e-2	ng/dscm	7%O2	1.99e-9	lbs/hr	CE7%O2
7D 1234678	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
7D 1234678	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
7D Other	346C1R1		1.09e-1	ng/dscm	7%O2	2.37e-9	lbs/hr	OCE
7D Other	346C1R2		4.54e-2	ng/dscm	7%O2	1.06e-9	lbs/hr	OCE
7D Other	346C1R3		0.00e+0			0.00e+0		OCE
7D Other	346C1R4		0.00e+0			0.00e+0		OCE
7D Total	346C1R1	4	2.59e-1	ng/dscm	7%O2	5.66e-9	lbs/hr	CE7%O2
7D Total	346C1R2	4	1.30e-1	ng/dscm	7%O2	3.05e-9	lbs/hr	CE7%O2
7D Total	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
7D Total	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
7F 1234678	346C1R1	ND	6.39e-2	ng/dscm	7%O2	1.40e-9	lbs/hr	CE7%O2
7F 1234678	346C1R2	ND	5.67e-2	ng/dscm	7%O2	1.33e-9	lbs/hr	CE7%O2
7F 1234678	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
7F 1234678	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
7F 1234789	346C1R1	4	1.09e-1	ng/dscm	7%O2	2.37e-9	lbs/hr	CE7%O2
7F 1234789	346C1R2	4	9.64e-2	ng/dscm	7%O2	2.26e-9	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 346 DEVICE NAME: DFS

EPA TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: C/QC/VS/PT/DM

7F 1234789	346C1R3	4	7.17e-2	ng/dscm	7%O2	1.59e-9	lbs/hr	CE7%O2
7F 1234789	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
7F Other	346C1R1		-3.19e-3	ng/dscm	7%O2	-6.98e-11	lbs/hr	OCE
7F Other	346C1R2		-3.97e-2	ng/dscm	7%O2	-9.29e-10	lbs/hr	OCE
7F Other	346C1R3		-7.17e-2	ng/dscm	7%O2	-1.59e-9	lbs/hr	OCE
7F Other	346C1R4		-5.95e-2	ng/dscm	7%O2	-1.35e-9	lbs/hr	OCE
7F Total	346C1R1	4	1.69e-1	ng/dscm	7%O2	3.70e-9	lbs/hr	CE7%O2
7F Total	346C1R2	4	1.13e-1	ng/dscm	7%O2	2.65e-9	lbs/hr	CE7%O2
7F Total	346C1R3	ND	6.23e-2	ng/dscm	7%O2	1.38e-9	lbs/hr	CE7%O2
7F Total	346C1R4	ND	5.95e-2	ng/dscm	7%O2	1.35e-9	lbs/hr	CE7%O2
8D	346C1R1		3.19e-1	ng/dscm	7%O2	6.98e-9	lbs/hr	CE7%O2
8D	346C1R2	4	1.84e-1	ng/dscm	7%O2	4.31e-9	lbs/hr	CE7%O2
8D	346C1R3	4	1.87e-1	ng/dscm	7%O2	4.14e-9	lbs/hr	CE7%O2
8D	346C1R4	ND	1.19e-1	ng/dscm	7%O2	2.69e-9	lbs/hr	CE7%O2
8F	346C1R1	ND	1.28e-1	ng/dscm	7%O2	2.79e-9	lbs/hr	CE7%O2
8F	346C1R2	ND	1.13e-1	ng/dscm	7%O2	2.65e-9	lbs/hr	CE7%O2
8F	346C1R3	ND	1.25e-1	ng/dscm	7%O2	2.76e-9	lbs/hr	CE7%O2
8F	346C1R4	ND	1.19e-1	ng/dscm	7%O2	2.69e-9	lbs/hr	CE7%O2
TEQ	346C1R1		1.41e-1	ng/dscm	7%O2	3.09e-9	lbs/hr	CCET
TEQ	346C1R2		1.14e-1	ng/dscm	7%O2	2.68e-9	lbs/hr	CCET
TEQ	346C1R3		1.25e-1	ng/dscm	7%O2	2.77e-9	lbs/hr	CCET
TEQ	346C1R4		1.19e-1	ng/dscm	7%O2	2.70e-9	lbs/hr	CCET
Total PCDD/PCDF	346C1R1		1.83e+0	ng/dscm	7%O2	4.00e-8	lbs/hr	CCET
Total PCDD/PCDF	346C1R2		8.42e-1	ng/dscm	7%O2	1.97e-8	lbs/hr	CCET
Total PCDD/PCDF	346C1R3		7.14e-1	ng/dscm	7%O2	1.58e-8	lbs/hr	CCET
Total PCDD/PCDF	346C1R4		6.25e-1	ng/dscm	7%O2	1.41e-8	lbs/hr	CCET

7. Category: Halogens

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
HCl	346C1R1	ND	7.23e-1	ppmv	7%O2	2.39e-2 lbs/hr	CE7%O2
HCl	346C1R2	ND	7.77e-1	ppmv	7%O2	2.75e-2 lbs/hr	CE7%O2
HCl	346C1R3	ND	8.59e-1	ppmv	7%O2	2.88e-2 lbs/hr	CE7%O2
HCl	346C1R4	ND	7.03e-1	ppmv	7%O2	2.40e-2 lbs/hr	CE7%O2

7. Category: Metals

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
Beryllium	346C1R1		1.38e+0	ug/dscm	7%O2	3.02e-5 lbs/hr	CE7%O2
Beryllium	346C1R2	ND	5.25e-1	ug/dscm	7%O2	1.23e-5 lbs/hr	CE7%O2
Beryllium	346C1R3	ND	5.38e-1	ug/dscm	7%O2	1.19e-5 lbs/hr	CE7%O2
Beryllium	346C1R4	ND	5.32e-1	ug/dscm	7%O2	1.20e-5 lbs/hr	CE7%O2
Cadmium	346C1R1		5.72e+0	ug/dscm	7%O2	1.25e-4 lbs/hr	CE7%O2
Cadmium	346C1R2		2.27e+0	ug/dscm	7%O2	5.32e-5 lbs/hr	CE7%O2
Cadmium	346C1R3		1.79e+0	ug/dscm	7%O2	3.97e-5 lbs/hr	CE7%O2
Cadmium	346C1R4		1.95e+0	ug/dscm	7%O2	4.41e-5 lbs/hr	CE7%O2
Chromium	346C1R1		1.24e+1	ug/dscm	7%O2	2.72e-4 lbs/hr	CE7%O2
Chromium	346C1R2		4.90e+0	ug/dscm	7%O2	1.15e-4 lbs/hr	CE7%O2
Chromium	346C1R3		5.74e+0	ug/dscm	7%O2	1.27e-4 lbs/hr	CE7%O2
Chromium	346C1R4		5.32e-1	ug/dscm	7%O2	1.20e-5 lbs/hr	CE7%O2
Lead	346C1R1		1.08e+2	ug/dscm	7%O2	2.37e-3 lbs/hr	CE7%O2
Lead	346C1R2		8.40e+1	ug/dscm	7%O2	1.97e-3 lbs/hr	CE7%O2
Lead	346C1R3		6.10e+1	ug/dscm	7%O2	1.35e-3 lbs/hr	CE7%O2
Lead	346C1R4		9.22e+1	ug/dscm	7%O2	2.08e-3 lbs/hr	CE7%O2
Mercury	346C1R1		1.97e-1	ug/dscm	7%O2	4.31e-6 lbs/hr	CE7%O2
Mercury	346C1R2		1.75e-1	ug/dscm	7%O2	4.09e-6 lbs/hr	CE7%O2
Mercury	346C1R3		3.59e-1	ug/dscm	7%O2	7.95e-6 lbs/hr	CE7%O2
Mercury	346C1R4		7.09e-1	ug/dscm	7%O2	1.60e-5 lbs/hr	CE7%O2
Nickel	346C1R1		9.27e+0	ug/dscm	7%O2	2.03e-4 lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 346 DEVICE NAME: DFS

EPA ID: TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: C/QC/VS/PT/DM

Nickel	346C1R2	3.50e+0	ug/dscm	7%O2	8.19e-5	lbs/hr	CE7%O2	
Nickel	346C1R3	3.77e+0	ug/dscm	7%O2	8.35e-5	lbs/hr	CE7%O2	
Nickel	346C1R4	ND	3.19e+0	ug/dscm	7%O2	7.21e-5	lbs/hr	CE7%O2

7. Category: PAH

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
Naphthalene	346C1R1	ND	5.52e+3	ng/dscm	7%O2	1.21e-4 lbs/hr	CE7%O2
Naphthalene	346C1R2	ND	4.90e+3	ng/dscm	7%O2	1.15e-4 lbs/hr	CE7%O2
Naphthalene	346C1R3		5.21e+3	ng/dscm	7%O2	1.15e-4 lbs/hr	CE7%O2
Naphthalene	346C1R4	ND	4.96e+3	ng/dscm	7%O2	1.12e-4 lbs/hr	CE7%O2

7. Category: Particulate

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
Particulate	346C1R1		4.85e-4	gr/dscf	7%O2	2.43e-2 lbs/hr	CE
Particulate	346C1R2		1.99e-3	gr/dscf	7%O2	1.07e-1 lbs/hr	CE
Particulate	346C1R3		1.91e-3	gr/dscf	7%O2	9.68e-2 lbs/hr	CE
Particulate	346C1R4		6.60e-4	gr/dscf	7%O2	3.42e-2 lbs/hr	CE

7. Category: PCB

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
PCBs	346C1R1		5.13e+0	ng/dscm	7%O2	1.12e-7 lbs/hr	CC7%O2
PCBs	346C1R2		6.63e+0	ng/dscm	7%O2	1.55e-7 lbs/hr	CC7%O2
PCBs	346C1R3		4.93e+1	ng/dscm	7%O2	1.09e-6 lbs/hr	CC7%O2
PCBs	346C1R4		1.28e+1	ng/dscm	7%O2	2.89e-7 lbs/hr	CC7%O2

7. Category: SVOC

Analysis:

8. Substance	9. Run ID	Concentration			Mass Rate	Calc	
2-Methylphenol (o-Cresol)	346C1R1		3.94e+4	ng/dscm	7%O2	8.62e-4 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	346C1R2		4.90e+4	ng/dscm	7%O2	1.15e-3 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	346C1R3		2.33e+4	ng/dscm	7%O2	5.17e-4 lbs/hr	CE7%O2
2-Methylphenol (o-Cresol)	346C1R4	ND	4.96e+3	ng/dscm	7%O2	1.12e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	346C1R1		3.55e+4	ng/dscm	7%O2	7.76e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	346C1R2		4.02e+4	ng/dscm	7%O2	9.42e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	346C1R3		1.79e+4	ng/dscm	7%O2	3.97e-4 lbs/hr	CE7%O2
4-Methylphenol (p-Cresol)	346C1R4	ND	4.96e+3	ng/dscm	7%O2	1.12e-4 lbs/hr	CE7%O2
Benzoic acid	346C1R1		1.97e+5	ng/dscm	7%O2	4.31e-3 lbs/hr	CE7%O2
Benzoic acid	346C1R2		9.98e+3	ng/dscm	7%O2	2.33e-4 lbs/hr	CE7%O2
Benzoic acid	346C1R3		2.33e+4	ng/dscm	7%O2	5.17e-4 lbs/hr	CE7%O2
Benzoic acid	346C1R4	ND	4.96e+3	ng/dscm	7%O2	1.12e-4 lbs/hr	CE7%O2
Benzyl alcohol	346C1R1		6.70e+5	ng/dscm	7%O2	1.47e-2 lbs/hr	CE7%O2
Benzyl alcohol	346C1R2		1.64e+5	ng/dscm	7%O2	3.85e-3 lbs/hr	CE7%O2
Benzyl alcohol	346C1R3	ND	5.03e+3	ng/dscm	7%O2	1.11e-4 lbs/hr	CE7%O2
Benzyl alcohol	346C1R4		2.13e+3	ng/dscm	7%O2	4.81e-5 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	346C1R1		2.37e+4	ng/dscm	7%O2	5.17e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	346C1R2		1.22e+4	ng/dscm	7%O2	2.87e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	346C1R3		7.90e+3	ng/dscm	7%O2	1.75e-4 lbs/hr	CE7%O2
bis(2-ethylexyl) Phthalate	346C1R4		2.13e+4	ng/dscm	7%O2	4.81e-4 lbs/hr	CE7%O2
di-n-Butyl Phthalate	346C1R1	ND	5.52e+3	ng/dscm	7%O2	1.21e-4 lbs/hr	CE7%O2
di-n-Butyl Phthalate	346C1R2	ND	4.90e+3	ng/dscm	7%O2	1.15e-4 lbs/hr	CE7%O2
di-n-Butyl Phthalate	346C1R3		3.23e+3	ng/dscm	7%O2	7.15e-5 lbs/hr	CE7%O2
di-n-Butyl Phthalate	346C1R4	ND	4.96e+3	ng/dscm	7%O2	1.12e-4 lbs/hr	CE7%O2
Diethylphthalate	346C1R1	ND	5.52e+3	ng/dscm	7%O2	1.21e-4 lbs/hr	CE7%O2
Diethylphthalate	346C1R2		2.10e+3	ng/dscm	7%O2	4.91e-5 lbs/hr	CE7%O2
Diethylphthalate	346C1R3	ND	5.03e+3	ng/dscm	7%O2	1.11e-4 lbs/hr	CE7%O2

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 346 DEVICE NAME: DFS

EPA TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: C/QC/VS/PT/DM

Diethylphthalate	346C1R4	ND	4.96e+3	ng/dscm	7%O2	1.12e-4	lbs/hr	CE7%O2
Dimethylphthalate	346C1R1		1.44e+5	ng/dscm	7%O2	3.15e-3	lbs/hr	CE7%O2
Dimethylphthalate	346C1R2		1.05e+5	ng/dscm	7%O2	2.46e-3	lbs/hr	CE7%O2
Dimethylphthalate	346C1R3		1.04e+5	ng/dscm	7%O2	2.31e-3	lbs/hr	CE7%O2
Dimethylphthalate	346C1R4		7.27e+4	ng/dscm	7%O2	1.64e-3	lbs/hr	CE7%O2
Ethylbenzene	346C1R1		6.51e+3	ng/dscm	7%O2	1.42e-4	lbs/hr	CE7%O2
Ethylbenzene	346C1R2		6.48e+3	ng/dscm	7%O2	1.52e-4	lbs/hr	CE7%O2
Ethylbenzene	346C1R3		5.38e+3	ng/dscm	7%O2	1.19e-4	lbs/hr	CE7%O2
Ethylbenzene	346C1R4		3.90e+3	ng/dscm	7%O2	8.81e-5	lbs/hr	CE7%O2
Nitroglycerine	346C1R1		4.95e+3	ng/dscm	7%O2	1.08e-4	lbs/hr	CC7%O2
Nitroglycerine	346C1R2		7.40e+4	ng/dscm	7%O2	1.73e-3	lbs/hr	CC7%O2
Nitroglycerine	346C1R3		3.35e+4	ng/dscm	7%O2	7.41e-4	lbs/hr	CC7%O2
Nitroglycerine	346C1R4		2.13e+4	ng/dscm	7%O2	4.80e-4	lbs/hr	CC7%O2

7. Category: THC & CO

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc	
CO	346C1R1	3.00e+1	ppmv 7%O2	7.62e-1	lbs/hr	CE
CO	346C1R2	2.62e+1	ppmv 7%O2	7.12e-1	lbs/hr	CE
CO	346C1R3	2.04e+1	ppmv 7%O2	5.25e-1	lbs/hr	CE
CO	346C1R4	3.45e+1	ppmv 7%O2	9.06e-1	lbs/hr	CE

7. Category: VOC

Analysis:

8. Substance	9. Run ID	Concentration		Mass Rate	Calc		
Benzene	346C1R1	9.86e+3	ng/dscm 7%O2	2.15e-4	lbs/hr	CE7%O2	
Benzene	346C1R2	6.65e+3	ng/dscm 7%O2	1.56e-4	lbs/hr	CE7%O2	
Benzene	346C1R3	9.15e+3	ng/dscm 7%O2	2.03e-4	lbs/hr	CE7%O2	
Benzene	346C1R4	2.48e+4	ng/dscm 7%O2	5.61e-4	lbs/hr	CE7%O2	
Bromodichloromethane	346C1R1	2.96e+3	ng/dscm 7%O2	6.46e-5	lbs/hr	CE7%O2	
Bromodichloromethane	346C1R2	ND	3.50e+2	ng/dscm 7%O2	8.19e-6	lbs/hr	CE7%O2
Bromodichloromethane	346C1R3	ND	3.59e+2	ng/dscm 7%O2	7.95e-6	lbs/hr	CE7%O2
Bromodichloromethane	346C1R4	ND	3.54e+2	ng/dscm 7%O2	8.01e-6	lbs/hr	CE7%O2
Bromoform	346C1R1	1.14e+4	ng/dscm 7%O2	2.50e-4	lbs/hr	CE7%O2	
Bromoform	346C1R2	1.08e+4	ng/dscm 7%O2	2.54e-4	lbs/hr	CE7%O2	
Bromoform	346C1R3	8.08e+3	ng/dscm 7%O2	1.79e-4	lbs/hr	CE7%O2	
Bromoform	346C1R4	3.01e+4	ng/dscm 7%O2	6.81e-4	lbs/hr	CE7%O2	
Chlorobenzene	346C1R1	ND	3.94e+2	ng/dscm 7%O2	8.62e-6	lbs/hr	CE7%O2
Chlorobenzene	346C1R2	ND	3.50e+2	ng/dscm 7%O2	8.19e-6	lbs/hr	CE7%O2
Chlorobenzene	346C1R3		1.79e+3	ng/dscm 7%O2	3.97e-5	lbs/hr	CE7%O2
Chlorobenzene	346C1R4	ND	3.54e+2	ng/dscm 7%O2	8.01e-6	lbs/hr	CE7%O2
Chloroform	346C1R1		7.89e+4	ng/dscm 7%O2	1.72e-3	lbs/hr	CE7%O2
Chloroform	346C1R2		6.48e+3	ng/dscm 7%O2	1.52e-4	lbs/hr	CE7%O2
Chloroform	346C1R3	ND	3.59e+2	ng/dscm 7%O2	7.95e-6	lbs/hr	CE7%O2
Chloroform	346C1R4	ND	3.54e+2	ng/dscm 7%O2	8.01e-6	lbs/hr	CE7%O2
Dibromochloromethane	346C1R1		1.97e+3	ng/dscm 7%O2	4.31e-5	lbs/hr	CE7%O2
Dibromochloromethane	346C1R2		1.75e+3	ng/dscm 7%O2	4.09e-5	lbs/hr	CE7%O2
Dibromochloromethane	346C1R3	ND	3.59e+2	ng/dscm 7%O2	7.95e-6	lbs/hr	CE7%O2
Dibromochloromethane	346C1R4		1.06e+3	ng/dscm 7%O2	2.40e-5	lbs/hr	CE7%O2
Methyl Ethyl Ketone	346C1R1		1.97e+5	ng/dscm 7%O2	4.31e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	346C1R2		1.26e+5	ng/dscm 7%O2	2.95e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	346C1R3		7.36e+4	ng/dscm 7%O2	1.63e-3	lbs/hr	CE7%O2
Methyl Ethyl Ketone	346C1R4		2.66e+5	ng/dscm 7%O2	6.01e-3	lbs/hr	CE7%O2
Styrene	346C1R1		2.76e+4	ng/dscm 7%O2	6.03e-4	lbs/hr	CE7%O2
Styrene	346C1R2		2.80e+4	ng/dscm 7%O2	6.55e-4	lbs/hr	CE7%O2
Styrene	346C1R3		3.59e+4	ng/dscm 7%O2	7.95e-4	lbs/hr	CE7%O2
Styrene	346C1R4		1.65e+4	ng/dscm 7%O2	3.73e-4	lbs/hr	CE7%O2
Toluene	346C1R1	ND	3.94e+2	ng/dscm 7%O2	8.62e-6	lbs/hr	CE7%O2
Toluene	346C1R2	ND	3.50e+2	ng/dscm 7%O2	8.19e-6	lbs/hr	CE7%O2

US EPA ARCHIVE DOCUMENT

SECTION 7: EMISSIONS ANALYSES

1. COMPANY: DEPARTMENT OF ARMY  
 2. STATE: TT  
 3. CITY: JOHNSTON ATOLL  
 4. EP ID: 346 DEVICE NAME: DFS

EPA TT0570090011  
 SYSTEM TYPE: ONSITE INCINERATOR

REGION: 9  
 APC SYSTEM: C/QC/VS/PT/DM

Toluene	346C1R3	2.51e+4	ng/dscm	7%O2	5.56e-4	lbs/hr	CE7%O2	
Toluene	346C1R4	ND	3.54e+2	ng/dscm	7%O2	8.01e-6	lbs/hr	CE7%O2
Total Xylene	346C1R1	4.14e+3	ng/dscm	7%O2	9.05e-5	lbs/hr	CE7%O2	
Total Xylene	346C1R2	3.85e+3	ng/dscm	7%O2	9.01e-5	lbs/hr	CE7%O2	
Total Xylene	346C1R3	3.59e+3	ng/dscm	7%O2	7.95e-5	lbs/hr	CE7%O2	
Total Xylene	346C1R4	3.90e+3	ng/dscm	7%O2	8.81e-5	lbs/hr	CE7%O2	

US EPA ARCHIVE DOCUMENT