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

5. Type: CONTROLLED

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

7. Category: Dioxin & Furan

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| 4D 2378 | 347C1R1 | ND | 2.73e-3 | ng/dscm 7%O2 | 3.06e-11 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C1R2 | ND | 1.30e-3 | ng/dscm 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C1R3 | ND | 1.90e-3 | ng/dscm 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C1R4 | ND | 1.46e-3 | ng/dscm 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C2R1 | ND | 1.00e-3 | ng/dscm 7%O2 | 1.10e-11 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C3R1 | ND | 7.40e-3 | ng/dscm 7%O2 | 1.05e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C3R2 | ND | 7.94e-3 | ng/dscm 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C3R3 | ND | 7.98e-3 | ng/dscm 7%O2 | 1.03e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C3R4 | ND | 7.90e-3 | ng/dscm 7%O2 | 1.06e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 347C4R1 | ND | 1.25e-2 | ng/dscm 7%O2 | 1.61e-10 | lbs/hr | CE7%O2 |
| 4D Other | 347C1R1 | 2 | 4.55e-3 | ng/dscm 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 4D Other | 347C1R2 | 2 | 4.33e-3 | ng/dscm 7%O2 | 5.05e-11 | lbs/hr | CE7%O2 |
| 4D Other | 347C1R3 | ND | 1.90e-3 | ng/dscm 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 4D Other | 347C1R4 | 2 | 4.37e-3 | ng/dscm 7%O2 | 4.56e-11 | lbs/hr | CE7%O2 |
| 4D Other | 347C2R1 | 2 | 5.02e-3 | ng/dscm 7%O2 | 5.48e-11 | lbs/hr | CE7%O2 |
| 4D Other | 347C3R1 | ND | 7.40e-3 | ng/dscm 7%O2 | 1.05e-10 | lbs/hr | CE7%O2 |
| 4D Other | 347C3R2 | ND | 7.94e-3 | ng/dscm 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 4D Other | 347C3R3 | ND | 7.98e-3 | ng/dscm 7%O2 | 1.03e-10 | lbs/hr | CE7%O2 |
| 4D Other | 347C3R4 | ND | 7.90e-3 | ng/dscm 7%O2 | 1.06e-10 | lbs/hr | CE7%O2 |
| 4D Other | 347C4R1 | ND | 1.25e-2 | ng/dscm 7%O2 | 1.61e-10 | lbs/hr | CE7%O2 |
| 4D Total | 347C1R1 | | 7.28e-3 | ng/dscm 7%O2 | 8.17e-11 | lbs/hr | CCE |
| 4D Total | 347C1R2 | | 5.63e-3 | ng/dscm 7%O2 | 6.56e-11 | lbs/hr | CCE |
| 4D Total | 347C1R3 | | 3.79e-3 | ng/dscm 7%O2 | 4.02e-11 | lbs/hr | CCE |
| 4D Total | 347C1R4 | | 5.82e-3 | ng/dscm 7%O2 | 6.08e-11 | lbs/hr | CCE |
| 4D Total | 347C2R1 | | 6.03e-3 | ng/dscm 7%O2 | 6.58e-11 | lbs/hr | CCE |
| 4D Total | 347C3R1 | | 1.48e-2 | ng/dscm 7%O2 | 2.11e-10 | lbs/hr | CCE |
| 4D Total | 347C3R2 | | 1.59e-2 | ng/dscm 7%O2 | 2.09e-10 | lbs/hr | CCE |
| 4D Total | 347C3R3 | | 1.60e-2 | ng/dscm 7%O2 | 2.05e-10 | lbs/hr | CCE |
| 4D Total | 347C3R4 | | 1.58e-2 | ng/dscm 7%O2 | 2.11e-10 | lbs/hr | CCE |
| 4D Total | 347C4R1 | | 2.50e-2 | ng/dscm 7%O2 | 3.22e-10 | lbs/hr | CCE |
| 4F 2378 | 347C1R1 | 2 | 4.55e-3 | ng/dscm 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C1R2 | | 4.33e-3 | ng/dscm 7%O2 | 5.05e-11 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C1R3 | | 3.32e-3 | ng/dscm 7%O2 | 3.52e-11 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C1R4 | | 4.37e-3 | ng/dscm 7%O2 | 4.56e-11 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C2R1 | | 5.02e-3 | ng/dscm 7%O2 | 5.48e-11 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C3R1 | | 1.11e-2 | ng/dscm 7%O2 | 1.58e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C3R2 | 2 | 1.99e-2 | ng/dscm 7%O2 | 2.61e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C3R3 | | 2.39e-2 | ng/dscm 7%O2 | 3.08e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C3R4 | | 1.97e-2 | ng/dscm 7%O2 | 2.64e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 347C4R1 | | 4.58e-2 | ng/dscm 7%O2 | 5.89e-10 | lbs/hr | CE7%O2 |
| 4F Other | 347C1R1 | ND | 0.00e+0 | | 0.00e+0 | | |
| 4F Other | 347C1R2 | ND | 0.00e+0 | | 0.00e+0 | | |
| 4F Other | 347C1R3 | ND | 0.00e+0 | | 0.00e+0 | | |
| 4F Other | 347C1R4 | | 5.34e-3 | ng/dscm 7%O2 | 5.58e-11 | lbs/hr | CE7%O2 |
| 4F Other | 347C2R1 | | 5.02e-3 | ng/dscm 7%O2 | 5.48e-11 | lbs/hr | CE7%O2 |
| 4F Other | 347C3R1 | 2 | 5.18e-2 | ng/dscm 7%O2 | 7.38e-10 | lbs/hr | CE7%O2 |
| 4F Other | 347C3R2 | 2 | 1.99e-2 | ng/dscm 7%O2 | 2.61e-10 | lbs/hr | CE7%O2 |
| 4F Other | 347C3R3 | | 7.98e-3 | ng/dscm 7%O2 | 1.03e-10 | lbs/hr | CE7%O2 |
| 4F Other | 347C3R4 | | 3.16e-2 | ng/dscm 7%O2 | 4.23e-10 | lbs/hr | CE7%O2 |
| 4F Other | 347C4R1 | | 1.83e-1 | ng/dscm 7%O2 | 2.36e-9 | lbs/hr | CE7%O2 |
| 4F Total | 347C1R1 | | 4.55e-3 | ng/dscm 7%O2 | 5.10e-11 | lbs/hr | CCE |
| 4F Total | 347C1R2 | | 4.33e-3 | ng/dscm 7%O2 | 5.05e-11 | lbs/hr | CCE |
| 4F Total | 347C1R3 | | 3.32e-3 | ng/dscm 7%O2 | 3.52e-11 | lbs/hr | CCE |
| 4F Total | 347C1R4 | | 9.70e-3 | ng/dscm 7%O2 | 1.01e-10 | lbs/hr | CCE |
| 4F Total | 347C2R1 | | 1.00e-2 | ng/dscm 7%O2 | 1.10e-10 | lbs/hr | CCE |
| 4F Total | 347C3R1 | | 6.29e-2 | ng/dscm 7%O2 | 8.96e-10 | lbs/hr | CCE |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 4F Total | 347C3R2 | | 3.97e-2 | ng/dscm | 7%O2 | 5.22e-10 | lbs/hr | CCE |
| 4F Total | 347C3R3 | | 3.19e-2 | ng/dscm | 7%O2 | 4.10e-10 | lbs/hr | CCE |
| 4F Total | 347C3R4 | | 5.13e-2 | ng/dscm | 7%O2 | 6.87e-10 | lbs/hr | CCE |
| 4F Total | 347C4R1 | | 2.29e-1 | ng/dscm | 7%O2 | 2.95e-9 | lbs/hr | CCE |
| 5D 12378 | 347C1R1 | ND | 3.64e-3 | ng/dscm | 7%O2 | 4.08e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C1R2 | ND | 1.73e-3 | ng/dscm | 7%O2 | 2.02e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C1R3 | ND | 3.79e-3 | ng/dscm | 7%O2 | 4.02e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C1R4 | ND | 2.91e-3 | ng/dscm | 7%O2 | 3.04e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C3R1 | ND | 1.11e-2 | ng/dscm | 7%O2 | 1.58e-10 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C3R2 | ND | 1.19e-2 | ng/dscm | 7%O2 | 1.57e-10 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C3R3 | ND | 1.60e-2 | ng/dscm | 7%O2 | 2.05e-10 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C3R4 | ND | 1.58e-2 | ng/dscm | 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 5D 12378 | 347C4R1 | ND | 2.08e-2 | ng/dscm | 7%O2 | 2.68e-10 | lbs/hr | CE7%O2 |
| 5D Other | 347C1R1 | ND | 3.64e-3 | ng/dscm | 7%O2 | 4.08e-11 | lbs/hr | CE7%O2 |
| 5D Other | 347C1R2 | ND | 1.73e-3 | ng/dscm | 7%O2 | 2.02e-11 | lbs/hr | CE7%O2 |
| 5D Other | 347C1R3 | ND | 3.79e-3 | ng/dscm | 7%O2 | 4.02e-11 | lbs/hr | CE7%O2 |
| 5D Other | 347C1R4 | ND | 2.91e-3 | ng/dscm | 7%O2 | 3.04e-11 | lbs/hr | CE7%O2 |
| 5D Other | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 5D Other | 347C3R1 | ND | 1.11e-2 | ng/dscm | 7%O2 | 1.58e-10 | lbs/hr | CE7%O2 |
| 5D Other | 347C3R2 | ND | 1.19e-2 | ng/dscm | 7%O2 | 1.57e-10 | lbs/hr | CE7%O2 |
| 5D Other | 347C3R3 | ND | 1.60e-2 | ng/dscm | 7%O2 | 2.05e-10 | lbs/hr | CE7%O2 |
| 5D Other | 347C3R4 | ND | 1.58e-2 | ng/dscm | 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 5D Other | 347C4R1 | ND | 2.08e-2 | ng/dscm | 7%O2 | 2.68e-10 | lbs/hr | CE7%O2 |
| 5D Total | 347C1R1 | | 7.28e-3 | ng/dscm | 7%O2 | 8.17e-11 | lbs/hr | CCE |
| 5D Total | 347C1R2 | | 3.47e-3 | ng/dscm | 7%O2 | 4.04e-11 | lbs/hr | CCE |
| 5D Total | 347C1R3 | | 7.58e-3 | ng/dscm | 7%O2 | 8.04e-11 | lbs/hr | CCE |
| 5D Total | 347C1R4 | | 5.82e-3 | ng/dscm | 7%O2 | 6.08e-11 | lbs/hr | CCE |
| 5D Total | 347C2R1 | | 4.02e-3 | ng/dscm | 7%O2 | 4.39e-11 | lbs/hr | CCE |
| 5D Total | 347C3R1 | | 2.22e-2 | ng/dscm | 7%O2 | 3.16e-10 | lbs/hr | CCE |
| 5D Total | 347C3R2 | | 2.38e-2 | ng/dscm | 7%O2 | 3.13e-10 | lbs/hr | CCE |
| 5D Total | 347C3R3 | | 3.19e-2 | ng/dscm | 7%O2 | 4.10e-10 | lbs/hr | CCE |
| 5D Total | 347C3R4 | | 3.16e-2 | ng/dscm | 7%O2 | 4.23e-10 | lbs/hr | CCE |
| 5D Total | 347C4R1 | | 4.17e-2 | ng/dscm | 7%O2 | 5.36e-10 | lbs/hr | CCE |
| 5F 12378 | 347C1R1 | ND | 2.27e-3 | ng/dscm | 7%O2 | 2.55e-11 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C1R2 | ND | 1.30e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C1R3 | ND | 2.37e-3 | ng/dscm | 7%O2 | 2.51e-11 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C1R4 | ND | 1.94e-3 | ng/dscm | 7%O2 | 2.03e-11 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C2R1 | ND | 1.00e-3 | ng/dscm | 7%O2 | 1.10e-11 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C3R1 | ND | 7.42e-3 | ng/dscm | 7%O2 | 1.06e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C3R2 | ND | 7.94e-3 | ng/dscm | 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C3R3 | ND | 7.98e-3 | ng/dscm | 7%O2 | 1.03e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C3R4 | ND | 7.90e-3 | ng/dscm | 7%O2 | 1.06e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 347C4R1 | ND | 1.25e-2 | ng/dscm | 7%O2 | 1.61e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C1R1 | ND | 2.27e-3 | ng/dscm | 7%O2 | 2.55e-11 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C1R2 | ND | 1.30e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C1R3 | ND | 1.90e-3 | ng/dscm | 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C1R4 | ND | 1.94e-3 | ng/dscm | 7%O2 | 2.03e-11 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C2R1 | ND | 1.00e-3 | ng/dscm | 7%O2 | 1.10e-11 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C3R1 | ND | 7.40e-3 | ng/dscm | 7%O2 | 1.05e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C3R2 | ND | 7.94e-3 | ng/dscm | 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C3R3 | ND | 7.98e-3 | ng/dscm | 7%O2 | 1.03e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C3R4 | ND | 7.90e-3 | ng/dscm | 7%O2 | 1.06e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 347C4R1 | ND | 1.25e-2 | ng/dscm | 7%O2 | 1.61e-10 | lbs/hr | CE7%O2 |
| 5F Other | 347C1R1 | ND | 2.27e-3 | ng/dscm | 7%O2 | 2.55e-11 | lbs/hr | CE7%O2 |
| 5F Other | 347C1R2 | 2 | 2.60e-3 | ng/dscm | 7%O2 | 3.03e-11 | lbs/hr | CE7%O2 |
| 5F Other | 347C1R3 | ND | 2.37e-3 | ng/dscm | 7%O2 | 2.51e-11 | lbs/hr | CE7%O2 |
| 5F Other | 347C1R4 | 2 | 3.40e-3 | ng/dscm | 7%O2 | 3.55e-11 | lbs/hr | CE7%O2 |
| 5F Other | 347C2R1 | ND | 1.00e-3 | ng/dscm | 7%O2 | 1.10e-11 | lbs/hr | CE7%O2 |
| 5F Other | 347C3R1 | ND | 7.40e-3 | ng/dscm | 7%O2 | 1.05e-10 | lbs/hr | CE7%O2 |
| 5F Other | 347C3R2 | ND | 7.94e-3 | ng/dscm | 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 5F Other | 347C3R3 | | 1.20e-2 | ng/dscm | 7%O2 | 1.54e-10 | lbs/hr | CE7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5F Other | 347C3R4 | | 1.18e-2 | ng/dscm | 7%O2 | 1.59e-10 | lbs/hr | CE7%O2 |
| 5F Other | 347C4R1 | ND | 1.25e-2 | ng/dscm | 7%O2 | 1.61e-10 | lbs/hr | CE7%O2 |
| 5F Total | 347C1R1 | | 6.82e-3 | ng/dscm | 7%O2 | 7.66e-11 | lbs/hr | CCE |
| 5F Total | 347C1R2 | | 5.20e-3 | ng/dscm | 7%O2 | 6.06e-11 | lbs/hr | CCE |
| 5F Total | 347C1R3 | | 6.63e-3 | ng/dscm | 7%O2 | 7.04e-11 | lbs/hr | CCE |
| 5F Total | 347C1R4 | | 7.28e-3 | ng/dscm | 7%O2 | 7.60e-11 | lbs/hr | CCE |
| 5F Total | 347C2R1 | | 3.01e-3 | ng/dscm | 7%O2 | 3.29e-11 | lbs/hr | CCE |
| 5F Total | 347C3R1 | | 2.22e-2 | ng/dscm | 7%O2 | 3.17e-10 | lbs/hr | CCE |
| 5F Total | 347C3R2 | | 2.38e-2 | ng/dscm | 7%O2 | 3.13e-10 | lbs/hr | CCE |
| 5F Total | 347C3R3 | | 2.79e-2 | ng/dscm | 7%O2 | 3.59e-10 | lbs/hr | CCE |
| 5F Total | 347C3R4 | | 2.76e-2 | ng/dscm | 7%O2 | 3.70e-10 | lbs/hr | CCE |
| 5F Total | 347C4R1 | | 3.75e-2 | ng/dscm | 7%O2 | 4.82e-10 | lbs/hr | CCE |
| 6D 123478 | 347C1R1 | ND | 4.55e-3 | ng/dscm | 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 6D 123478 | 347C1R2 | ND | 2.17e-3 | ng/dscm | 7%O2 | 2.52e-11 | lbs/hr | CE7%O2 |
| 6D 123478 | 347C1R3 | ND | 1.90e-3 | ng/dscm | 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 6D 123478 | 347C1R4 | ND | 1.94e-3 | ng/dscm | 7%O2 | 2.03e-11 | lbs/hr | CE7%O2 |
| 6D 123478 | 347C2R1 | ND | 2.51e-3 | ng/dscm | 7%O2 | 2.74e-11 | lbs/hr | CE7%O2 |
| 6D 123678 | 347C1R1 | ND | 3.64e-3 | ng/dscm | 7%O2 | 4.08e-11 | lbs/hr | CE7%O2 |
| 6D 123678 | 347C1R2 | ND | 1.73e-3 | ng/dscm | 7%O2 | 2.02e-11 | lbs/hr | CE7%O2 |
| 6D 123678 | 347C1R3 | ND | 1.42e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 6D 123678 | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 6D 123678 | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 347C1R1 | ND | 4.09e-3 | ng/dscm | 7%O2 | 4.59e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 347C1R2 | ND | 2.17e-3 | ng/dscm | 7%O2 | 2.52e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 347C1R3 | ND | 1.90e-3 | ng/dscm | 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 347C2R1 | ND | 2.51e-3 | ng/dscm | 7%O2 | 2.74e-11 | lbs/hr | CE7%O2 |
| 6D 2378 | 347C3R1 | ND | 2.22e-2 | ng/dscm | 7%O2 | 3.16e-10 | lbs/hr | CE7%O2 |
| 6D 2378 | 347C3R2 | ND | 1.99e-2 | ng/dscm | 7%O2 | 2.61e-10 | lbs/hr | CE7%O2 |
| 6D 2378 | 347C3R3 | ND | 2.79e-2 | ng/dscm | 7%O2 | 3.59e-10 | lbs/hr | CE7%O2 |
| 6D 2378 | 347C3R4 | ND | 2.36e-2 | ng/dscm | 7%O2 | 3.16e-10 | lbs/hr | CE7%O2 |
| 6D 2378 | 347C4R1 | ND | 2.92e-2 | ng/dscm | 7%O2 | 3.76e-10 | lbs/hr | CE7%O2 |
| 6D Other | 347C1R1 | ND | 4.09e-3 | ng/dscm | 7%O2 | 4.59e-11 | lbs/hr | CE7%O2 |
| 6D Other | 347C1R2 | 2 | 3.47e-3 | ng/dscm | 7%O2 | 4.04e-11 | lbs/hr | CE7%O2 |
| 6D Other | 347C1R3 | ND | 1.90e-3 | ng/dscm | 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 6D Other | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 6D Other | 347C2R1 | ND | 2.51e-3 | ng/dscm | 7%O2 | 2.74e-11 | lbs/hr | CE7%O2 |
| 6D Other | 347C3R1 | ND | 1.85e-2 | ng/dscm | 7%O2 | 2.64e-10 | lbs/hr | CE7%O2 |
| 6D Other | 347C3R2 | ND | 1.99e-2 | ng/dscm | 7%O2 | 2.61e-10 | lbs/hr | CE7%O2 |
| 6D Other | 347C3R3 | ND | 2.79e-2 | ng/dscm | 7%O2 | 3.59e-10 | lbs/hr | CE7%O2 |
| 6D Other | 347C3R4 | ND | 1.97e-2 | ng/dscm | 7%O2 | 2.64e-10 | lbs/hr | CE7%O2 |
| 6D Other | 347C4R1 | ND | 2.92e-2 | ng/dscm | 7%O2 | 3.75e-10 | lbs/hr | CE7%O2 |
| 6D Total | 347C1R1 | | 1.64e-2 | ng/dscm | 7%O2 | 1.84e-10 | lbs/hr | CCE |
| 6D Total | 347C1R2 | | 9.54e-3 | ng/dscm | 7%O2 | 1.11e-10 | lbs/hr | CCE |
| 6D Total | 347C1R3 | | 7.11e-3 | ng/dscm | 7%O2 | 7.54e-11 | lbs/hr | CCE |
| 6D Total | 347C1R4 | | 6.31e-3 | ng/dscm | 7%O2 | 6.59e-11 | lbs/hr | CCE |
| 6D Total | 347C2R1 | | 9.54e-3 | ng/dscm | 7%O2 | 1.04e-10 | lbs/hr | CCE |
| 6D Total | 347C3R1 | | 4.07e-2 | ng/dscm | 7%O2 | 5.80e-10 | lbs/hr | CCE |
| 6D Total | 347C3R2 | | 3.97e-2 | ng/dscm | 7%O2 | 5.22e-10 | lbs/hr | CCE |
| 6D Total | 347C3R3 | | 5.58e-2 | ng/dscm | 7%O2 | 7.18e-10 | lbs/hr | CCE |
| 6D Total | 347C3R4 | | 4.34e-2 | ng/dscm | 7%O2 | 5.80e-10 | lbs/hr | CCE |
| 6D Total | 347C4R1 | | 5.84e-2 | ng/dscm | 7%O2 | 7.51e-10 | lbs/hr | CCE |
| 6F 123478 | 347C1R1 | ND | 3.18e-3 | ng/dscm | 7%O2 | 3.57e-11 | lbs/hr | CE7%O2 |
| 6F 123478 | 347C1R2 | ND | 1.73e-3 | ng/dscm | 7%O2 | 2.02e-11 | lbs/hr | CE7%O2 |
| 6F 123478 | 347C1R3 | ND | 1.42e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 6F 123478 | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 6F 123478 | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 6F 123678 | 347C1R1 | ND | 2.27e-3 | ng/dscm | 7%O2 | 2.55e-11 | lbs/hr | CE7%O2 |
| 6F 123678 | 347C1R2 | ND | 1.30e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 6F 123678 | 347C1R3 | ND | 9.48e-4 | ng/dscm | 7%O2 | 1.01e-11 | lbs/hr | CE7%O2 |
| 6F 123678 | 347C1R4 | ND | 9.70e-4 | ng/dscm | 7%O2 | 1.01e-11 | lbs/hr | CE7%O2 |
| 6F 123678 | 347C2R1 | ND | 1.51e-3 | ng/dscm | 7%O2 | 1.65e-11 | lbs/hr | CE7%O2 |

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6F 123789 | 347C1R1 | ND | 3.64e-3 | ng/dscm | 7%O2 | 4.08e-11 | lbs/hr | CE7%O2 |
| 6F 123789 | 347C1R2 | ND | 1.73e-3 | ng/dscm | 7%O2 | 2.02e-11 | lbs/hr | CE7%O2 |
| 6F 123789 | 347C1R3 | ND | 1.42e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 6F 123789 | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 6F 123789 | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 6F 234678 | 347C1R1 | | 4.55e-3 | ng/dscm | 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 6F 234678 | 347C1R2 | 2 | 4.33e-3 | ng/dscm | 7%O2 | 5.05e-11 | lbs/hr | CE7%O2 |
| 6F 234678 | 347C1R3 | | 4.74e-3 | ng/dscm | 7%O2 | 5.03e-11 | lbs/hr | CE7%O2 |
| 6F 234678 | 347C1R4 | | 9.70e-3 | ng/dscm | 7%O2 | 1.01e-10 | lbs/hr | CE7%O2 |
| 6F 234678 | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 6F 2378 | 347C3R1 | ND | 1.48e-2 | ng/dscm | 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 6F 2378 | 347C3R2 | ND | 1.59e-2 | ng/dscm | 7%O2 | 2.09e-10 | lbs/hr | CE7%O2 |
| 6F 2378 | 347C3R3 | ND | 1.99e-2 | ng/dscm | 7%O2 | 2.56e-10 | lbs/hr | CE7%O2 |
| 6F 2378 | 347C3R4 | ND | 1.57e-2 | ng/dscm | 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 6F 2378 | 347C4R1 | ND | 2.09e-2 | ng/dscm | 7%O2 | 2.68e-10 | lbs/hr | CE7%O2 |
| 6F Other | 347C1R1 | ND | 0.00e+0 | | | 0.00e+0 | | |
| 6F Other | 347C1R2 | ND | 0.00e+0 | | | 0.00e+0 | | |
| 6F Other | 347C1R3 | ND | 0.00e+0 | | | 0.00e+0 | | |
| 6F Other | 347C1R4 | ND | 0.00e+0 | | | 0.00e+0 | | |
| 6F Other | 347C2R1 | ND | 2.01e-3 | ng/dscm | 7%O2 | 2.19e-11 | lbs/hr | CE7%O2 |
| 6F Other | 347C3R1 | ND | 1.48e-2 | ng/dscm | 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 6F Other | 347C3R2 | ND | 1.59e-2 | ng/dscm | 7%O2 | 2.09e-10 | lbs/hr | CE7%O2 |
| 6F Other | 347C3R3 | ND | 1.99e-2 | ng/dscm | 7%O2 | 2.56e-10 | lbs/hr | CE7%O2 |
| 6F Other | 347C3R4 | ND | 1.58e-2 | ng/dscm | 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 6F Other | 347C4R1 | ND | 2.08e-2 | ng/dscm | 7%O2 | 2.68e-10 | lbs/hr | CE7%O2 |
| 6F Total | 347C1R1 | | 1.36e-2 | ng/dscm | 7%O2 | 1.53e-10 | lbs/hr | CCE |
| 6F Total | 347C1R2 | | 9.10e-3 | ng/dscm | 7%O2 | 1.06e-10 | lbs/hr | CCE |
| 6F Total | 347C1R3 | | 8.53e-3 | ng/dscm | 7%O2 | 9.05e-11 | lbs/hr | CCE |
| 6F Total | 347C1R4 | | 1.36e-2 | ng/dscm | 7%O2 | 1.42e-10 | lbs/hr | CCE |
| 6F Total | 347C2R1 | | 9.54e-3 | ng/dscm | 7%O2 | 1.04e-10 | lbs/hr | CCE |
| 6F Total | 347C3R1 | | 2.96e-2 | ng/dscm | 7%O2 | 4.22e-10 | lbs/hr | CCE |
| 6F Total | 347C3R2 | | 3.18e-2 | ng/dscm | 7%O2 | 4.17e-10 | lbs/hr | CCE |
| 6F Total | 347C3R3 | | 3.99e-2 | ng/dscm | 7%O2 | 5.13e-10 | lbs/hr | CCE |
| 6F Total | 347C3R4 | | 3.15e-2 | ng/dscm | 7%O2 | 4.22e-10 | lbs/hr | CCE |
| 6F Total | 347C4R1 | | 4.17e-2 | ng/dscm | 7%O2 | 5.36e-10 | lbs/hr | CCE |
| 7D 1234678 | 347C1R1 | ND | 4.55e-3 | ng/dscm | 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C1R2 | ND | 2.17e-3 | ng/dscm | 7%O2 | 2.52e-11 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C1R3 | ND | 2.37e-3 | ng/dscm | 7%O2 | 2.51e-11 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C1R4 | | 3.40e-3 | ng/dscm | 7%O2 | 3.55e-11 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C2R1 | | 1.00e-2 | ng/dscm | 7%O2 | 1.10e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C3R1 | | 1.85e-2 | ng/dscm | 7%O2 | 2.64e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C3R2 | 2 | 2.78e-2 | ng/dscm | 7%O2 | 3.65e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C3R3 | 2 | 2.79e-2 | ng/dscm | 7%O2 | 3.59e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C3R4 | | 2.75e-2 | ng/dscm | 7%O2 | 3.69e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 347C4R1 | | 5.84e-2 | ng/dscm | 7%O2 | 7.51e-10 | lbs/hr | CE7%O2 |
| 7D Other | 347C1R1 | ND | 4.55e-3 | ng/dscm | 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 7D Other | 347C1R2 | 2 | 3.47e-3 | ng/dscm | 7%O2 | 4.04e-11 | lbs/hr | CE7%O2 |
| 7D Other | 347C1R3 | ND | 2.37e-3 | ng/dscm | 7%O2 | 2.51e-11 | lbs/hr | CE7%O2 |
| 7D Other | 347C1R4 | ND | 0.00e+0 | | | 0.00e+0 | | |
| 7D Other | 347C2R1 | 2 | 2.01e-2 | ng/dscm | 7%O2 | 2.19e-10 | lbs/hr | CE7%O2 |
| 7D Other | 347C3R1 | ND | 0.00e+0 | | | 0.00e+0 | | |
| 7D Other | 347C3R2 | 2 | 1.99e-2 | ng/dscm | 7%O2 | 2.61e-10 | lbs/hr | CE7%O2 |
| 7D Other | 347C3R3 | 2 | 3.59e-2 | ng/dscm | 7%O2 | 4.62e-10 | lbs/hr | CE7%O2 |
| 7D Other | 347C3R4 | | 0.00e+0 | | | 0.00e+0 | | |
| 7D Other | 347C4R1 | | 2.50e-2 | ng/dscm | 7%O2 | 3.22e-10 | lbs/hr | CE7%O2 |
| 7D Total | 347C1R1 | | 9.10e-3 | ng/dscm | 7%O2 | 1.02e-10 | lbs/hr | CCE |
| 7D Total | 347C1R2 | | 5.63e-3 | ng/dscm | 7%O2 | 6.56e-11 | lbs/hr | CCE |
| 7D Total | 347C1R3 | | 4.74e-3 | ng/dscm | 7%O2 | 5.03e-11 | lbs/hr | CCE |
| 7D Total | 347C1R4 | | 3.40e-3 | ng/dscm | 7%O2 | 3.55e-11 | lbs/hr | CCE |
| 7D Total | 347C2R1 | | 3.01e-2 | ng/dscm | 7%O2 | 3.29e-10 | lbs/hr | CCE |
| 7D Total | 347C3R1 | | 1.85e-2 | ng/dscm | 7%O2 | 2.64e-10 | lbs/hr | CCE |
| 7D Total | 347C3R2 | | 4.76e-2 | ng/dscm | 7%O2 | 6.26e-10 | lbs/hr | CCE |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7D Total | 347C3R3 | | 6.38e-2 | ng/dscm | 7%O2 | 8.21e-10 | lbs/hr | CCE |
| 7D Total | 347C3R4 | | 2.75e-2 | ng/dscm | 7%O2 | 3.69e-10 | lbs/hr | CCE |
| 7D Total | 347C4R1 | | 8.34e-2 | ng/dscm | 7%O2 | 1.07e-9 | lbs/hr | CCE |
| 7F 1234678 | 347C1R1 | ND | 2.73e-3 | ng/dscm | 7%O2 | 3.06e-11 | lbs/hr | CE7%O2 |
| 7F 1234678 | 347C1R2 | ND | 1.30e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 7F 1234678 | 347C1R3 | ND | 1.42e-3 | ng/dscm | 7%O2 | 1.51e-11 | lbs/hr | CE7%O2 |
| 7F 1234678 | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 7F 1234678 | 347C2R1 | 2 | 3.52e-3 | ng/dscm | 7%O2 | 3.84e-11 | lbs/hr | CE7%O2 |
| 7F 1234789 | 347C1R1 | ND | 4.55e-3 | ng/dscm | 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 7F 1234789 | 347C1R2 | ND | 2.17e-3 | ng/dscm | 7%O2 | 2.52e-11 | lbs/hr | CE7%O2 |
| 7F 1234789 | 347C1R3 | ND | 1.90e-3 | ng/dscm | 7%O2 | 2.01e-11 | lbs/hr | CE7%O2 |
| 7F 1234789 | 347C1R4 | ND | 1.94e-3 | ng/dscm | 7%O2 | 2.03e-11 | lbs/hr | CE7%O2 |
| 7F 1234789 | 347C2R1 | ND | 3.01e-3 | ng/dscm | 7%O2 | 3.29e-11 | lbs/hr | CE7%O2 |
| 7F 2378 | 347C3R1 | ND | 2.22e-2 | ng/dscm | 7%O2 | 3.16e-10 | lbs/hr | CE7%O2 |
| 7F 2378 | 347C3R2 | ND | 2.38e-2 | ng/dscm | 7%O2 | 3.13e-10 | lbs/hr | CE7%O2 |
| 7F 2378 | 347C3R3 | ND | 2.79e-2 | ng/dscm | 7%O2 | 3.59e-10 | lbs/hr | CE7%O2 |
| 7F 2378 | 347C3R4 | ND | 1.97e-2 | ng/dscm | 7%O2 | 2.63e-10 | lbs/hr | CE7%O2 |
| 7F 2378 | 347C4R1 | ND | 2.92e-2 | ng/dscm | 7%O2 | 3.76e-10 | lbs/hr | CE7%O2 |
| 7F Other | 347C1R1 | ND | 3.64e-3 | ng/dscm | 7%O2 | 4.08e-11 | lbs/hr | CE7%O2 |
| 7F Other | 347C1R2 | 2 | 4.33e-3 | ng/dscm | 7%O2 | 5.05e-11 | lbs/hr | CE7%O2 |
| 7F Other | 347C1R3 | ND | 1.42e-3 | ng/dscm | 7%O2 | 1.50e-11 | lbs/hr | CE7%O2 |
| 7F Other | 347C1R4 | ND | 1.46e-3 | ng/dscm | 7%O2 | 1.52e-11 | lbs/hr | CE7%O2 |
| 7F Other | 347C2R1 | 2 | 4.52e-3 | ng/dscm | 7%O2 | 4.94e-11 | lbs/hr | CE7%O2 |
| 7F Other | 347C3R1 | ND | 1.85e-2 | ng/dscm | 7%O2 | 2.64e-10 | lbs/hr | CE7%O2 |
| 7F Other | 347C3R2 | ND | 2.38e-2 | ng/dscm | 7%O2 | 3.13e-10 | lbs/hr | CE7%O2 |
| 7F Other | 347C3R3 | ND | 2.79e-2 | ng/dscm | 7%O2 | 3.59e-10 | lbs/hr | CE7%O2 |
| 7F Other | 347C3R4 | ND | 1.97e-2 | ng/dscm | 7%O2 | 2.64e-10 | lbs/hr | CE7%O2 |
| 7F Other | 347C4R1 | ND | 2.92e-2 | ng/dscm | 7%O2 | 3.75e-10 | lbs/hr | CE7%O2 |
| 7F Total | 347C1R1 | | 1.09e-2 | ng/dscm | 7%O2 | 1.23e-10 | lbs/hr | CCE |
| 7F Total | 347C1R2 | | 7.80e-3 | ng/dscm | 7%O2 | 9.09e-11 | lbs/hr | CCE |
| 7F Total | 347C1R3 | | 4.73e-3 | ng/dscm | 7%O2 | 5.02e-11 | lbs/hr | CCE |
| 7F Total | 347C1R4 | | 4.85e-3 | ng/dscm | 7%O2 | 5.07e-11 | lbs/hr | CCE |
| 7F Total | 347C2R1 | | 1.10e-2 | ng/dscm | 7%O2 | 1.21e-10 | lbs/hr | CCE |
| 7F Total | 347C3R1 | | 4.07e-2 | ng/dscm | 7%O2 | 5.80e-10 | lbs/hr | CCE |
| 7F Total | 347C3R2 | | 4.76e-2 | ng/dscm | 7%O2 | 6.26e-10 | lbs/hr | CCE |
| 7F Total | 347C3R3 | | 5.58e-2 | ng/dscm | 7%O2 | 7.18e-10 | lbs/hr | CCE |
| 7F Total | 347C3R4 | | 3.94e-2 | ng/dscm | 7%O2 | 5.28e-10 | lbs/hr | CCE |
| 7F Total | 347C4R1 | | 5.84e-2 | ng/dscm | 7%O2 | 7.51e-10 | lbs/hr | CCE |
| 8D | 347C1R1 | 2 | 1.36e-2 | ng/dscm | 7%O2 | 1.53e-10 | lbs/hr | CE7%O2 |
| 8D | 347C1R2 | | 1.30e-2 | ng/dscm | 7%O2 | 1.51e-10 | lbs/hr | CE7%O2 |
| 8D | 347C1R3 | 2 | 1.42e-2 | ng/dscm | 7%O2 | 1.51e-10 | lbs/hr | CE7%O2 |
| 8D | 347C1R4 | 2 | 9.70e-3 | ng/dscm | 7%O2 | 1.01e-10 | lbs/hr | CE7%O2 |
| 8D | 347C2R1 | | 4.52e-2 | ng/dscm | 7%O2 | 4.94e-10 | lbs/hr | CE7%O2 |
| 8D | 347C3R1 | | 1.22e-1 | ng/dscm | 7%O2 | 1.74e-9 | lbs/hr | CE7%O2 |
| 8D | 347C3R2 | | 1.47e-1 | ng/dscm | 7%O2 | 1.93e-9 | lbs/hr | CE7%O2 |
| 8D | 347C3R3 | | 2.31e-1 | ng/dscm | 7%O2 | 2.97e-9 | lbs/hr | CE7%O2 |
| 8D | 347C3R4 | | 1.90e-1 | ng/dscm | 7%O2 | 2.54e-9 | lbs/hr | CE7%O2 |
| 8D | 347C4R1 | | 1.38e-1 | ng/dscm | 7%O2 | 1.77e-9 | lbs/hr | CE7%O2 |
| 8F | 347C1R1 | ND | 4.55e-3 | ng/dscm | 7%O2 | 5.10e-11 | lbs/hr | CE7%O2 |
| 8F | 347C1R2 | ND | 2.17e-3 | ng/dscm | 7%O2 | 2.52e-11 | lbs/hr | CE7%O2 |
| 8F | 347C1R3 | ND | 2.37e-3 | ng/dscm | 7%O2 | 2.51e-11 | lbs/hr | CE7%O2 |
| 8F | 347C1R4 | ND | 2.43e-3 | ng/dscm | 7%O2 | 2.53e-11 | lbs/hr | CE7%O2 |
| 8F | 347C2R1 | ND | 3.01e-3 | ng/dscm | 7%O2 | 3.29e-11 | lbs/hr | CE7%O2 |
| 8F | 347C3R1 | ND | 3.70e-2 | ng/dscm | 7%O2 | 5.27e-10 | lbs/hr | CE7%O2 |
| 8F | 347C3R2 | ND | 3.97e-2 | ng/dscm | 7%O2 | 5.22e-10 | lbs/hr | CE7%O2 |
| 8F | 347C3R3 | ND | 7.98e-2 | ng/dscm | 7%O2 | 1.03e-9 | lbs/hr | CE7%O2 |
| 8F | 347C3R4 | ND | 3.95e-2 | ng/dscm | 7%O2 | 5.29e-10 | lbs/hr | CE7%O2 |
| 8F | 347C4R1 | ND | 4.17e-2 | ng/dscm | 7%O2 | 5.36e-10 | lbs/hr | CE7%O2 |
| TEQ | 347C1R1 | | 8.98e-3 | ng/dscm | 7%O2 | 1.01e-10 | lbs/hr | CCET |
| TEQ | 347C1R2 | | 4.90e-3 | ng/dscm | 7%O2 | 5.71e-11 | lbs/hr | CCET |
| TEQ | 347C1R3 | | 6.64e-3 | ng/dscm | 7%O2 | 7.04e-11 | lbs/hr | CCET |
| TEQ | 347C1R4 | | 6.34e-3 | ng/dscm | 7%O2 | 6.62e-11 | lbs/hr | CCET |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TEQ | 347C2R1 | 4.73e-3 | ng/dscm | 7%O2 | 5.17e-11 | lbs/hr | CCET |
| TEQ | 347C3R1 | 2.24e-2 | ng/dscm | 7%O2 | 3.19e-10 | lbs/hr | CCET |
| TEQ | 347C3R2 | 2.45e-2 | ng/dscm | 7%O2 | 3.22e-10 | lbs/hr | CCET |
| TEQ | 347C3R3 | 2.84e-2 | ng/dscm | 7%O2 | 3.65e-10 | lbs/hr | CCET |
| TEQ | 347C3R4 | 2.68e-2 | ng/dscm | 7%O2 | 3.58e-10 | lbs/hr | CCET |
| TEQ | 347C4R1 | 4.04e-2 | ng/dscm | 7%O2 | 5.20e-10 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C1R1 | 9.41e-2 | ng/dscm | 7%O2 | 1.06e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C1R2 | 6.59e-2 | ng/dscm | 7%O2 | 7.67e-10 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C1R3 | 6.30e-2 | ng/dscm | 7%O2 | 6.69e-10 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C1R4 | 6.89e-2 | ng/dscm | 7%O2 | 7.20e-10 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C2R1 | 1.32e-1 | ng/dscm | 7%O2 | 1.44e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C3R1 | 4.11e-1 | ng/dscm | 7%O2 | 5.85e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C3R2 | 4.57e-1 | ng/dscm | 7%O2 | 6.00e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C3R3 | 6.34e-1 | ng/dscm | 7%O2 | 8.15e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C3R4 | 4.97e-1 | ng/dscm | 7%O2 | 6.66e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 347C4R1 | 7.55e-1 | ng/dscm | 7%O2 | 9.70e-9 | lbs/hr | CCET |

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| HCl | 347C1R1 | ND | 7.91e-2 | ppmv | 7%O2 | 1.34e-3 | lbs/hr | CC7%O2 |
| HCl | 347C1R2 | ND | 7.90e-2 | ppmv | 7%O2 | 1.39e-3 | lbs/hr | CC7%O2 |
| HCl | 347C1R3 | ND | 7.55e-2 | ppmv | 7%O2 | 1.21e-3 | lbs/hr | CC7%O2 |
| HCl | 347C1R4 | ND | 1.35e+0 | ppmv | 7%O2 | 2.13e-2 | lbs/hr | CC7%O2 |
| HCl | 347C2R1 | ND | 7.46e-2 | ppmv | 7%O2 | 1.23e-3 | lbs/hr | CC7%O2 |
| HCl | 347C3R1 | ND | 1.71e-1 | ppmv | 7%O2 | 3.67e-3 | lbs/hr | CC7%O2 |
| HCl | 347C3R2 | ND | 1.11e-1 | ppmv | 7%O2 | 2.20e-3 | lbs/hr | CC7%O2 |
| HCl | 347C3R3 | | 3.51e+0 | ppmv | 7%O2 | 6.82e-2 | lbs/hr | CC7%O2 |
| HCl | 347C3R4 | | 2.57e+0 | ppmv | 7%O2 | 5.19e-2 | lbs/hr | CC7%O2 |
| HCl | 347C4R1 | | 4.43e+0 | ppmv | 7%O2 | 8.61e-2 | lbs/hr | CC7%O2 |

7. Category: Metals

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Antimony | 347C1R1 | ND | 6.62e-1 | ug/dscm | 7%O2 | 7.42e-6 | lbs/hr | CC7%O2 |
| Antimony | 347C1R2 | ND | 6.69e-1 | ug/dscm | 7%O2 | 7.79e-6 | lbs/hr | CC7%O2 |
| Antimony | 347C1R3 | ND | 7.37e-1 | ug/dscm | 7%O2 | 7.81e-6 | lbs/hr | CC7%O2 |
| Antimony | 347C1R4 | ND | 7.38e-1 | ug/dscm | 7%O2 | 7.70e-6 | lbs/hr | CC7%O2 |
| Antimony | 347C2R1 | ND | 6.81e-1 | ug/dscm | 7%O2 | 7.43e-6 | lbs/hr | CC7%O2 |
| Antimony | 347C3R1 | ND | 5.04e-1 | ug/dscm | 7%O2 | 1.00e-5 | lbs/hr | 7%O2 |
| Antimony | 347C3R2 | ND | 5.15e-1 | ug/dscm | 7%O2 | 9.92e-6 | lbs/hr | 7%O2 |
| Antimony | 347C3R3 | ND | 5.20e-1 | ug/dscm | 7%O2 | 9.06e-6 | lbs/hr | 7%O2 |
| Antimony | 347C3R4 | ND | 5.09e-1 | ug/dscm | 7%O2 | 1.02e-5 | lbs/hr | 7%O2 |
| Antimony | 347C4R1 | ND | 5.04e-1 | ug/dscm | 7%O2 | 9.60e-6 | lbs/hr | 7%O2 |
| Arsenic | 347C1R1 | ND | 6.62e-1 | ug/dscm | 7%O2 | 7.42e-6 | lbs/hr | CC7%O2 |
| Arsenic | 347C1R2 | ND | 6.69e-1 | ug/dscm | 7%O2 | 7.79e-6 | lbs/hr | CC7%O2 |
| Arsenic | 347C1R3 | ND | 7.37e-1 | ug/dscm | 7%O2 | 7.81e-6 | lbs/hr | CC7%O2 |
| Arsenic | 347C1R4 | ND | 7.38e-1 | ug/dscm | 7%O2 | 7.70e-6 | lbs/hr | CC7%O2 |
| Arsenic | 347C2R1 | ND | 6.81e-1 | ug/dscm | 7%O2 | 7.43e-6 | lbs/hr | CC7%O2 |
| Arsenic | 347C3R1 | | 1.51e+0 | ug/dscm | 7%O2 | 2.01e-5 | lbs/hr | 7%O2 |
| Arsenic | 347C3R2 | | 2.06e+0 | ug/dscm | 7%O2 | 2.97e-5 | lbs/hr | 7%O2 |
| Arsenic | 347C3R3 | | 1.56e+0 | ug/dscm | 7%O2 | 1.81e-5 | lbs/hr | 7%O2 |
| Arsenic | 347C3R4 | | 2.04e+0 | ug/dscm | 7%O2 | 3.05e-5 | lbs/hr | 7%O2 |
| Arsenic | 347C4R1 | | 1.51e+0 | ug/dscm | 7%O2 | 1.92e-5 | lbs/hr | 7%O2 |
| Barium | 347C1R1 | | 1.32e+0 | ug/dscm | 7%O2 | 1.48e-5 | lbs/hr | CC7%O2 |
| Barium | 347C1R2 | | 2.68e+0 | ug/dscm | 7%O2 | 3.12e-5 | lbs/hr | CC7%O2 |
| Barium | 347C1R3 | | 5.38e+1 | ug/dscm | 7%O2 | 5.70e-4 | lbs/hr | CC7%O2 |
| Barium | 347C1R4 | | 2.21e+0 | ug/dscm | 7%O2 | 2.31e-5 | lbs/hr | CC7%O2 |
| Barium | 347C2R1 | | 1.37e+0 | ug/dscm | 7%O2 | 1.49e-5 | lbs/hr | CC7%O2 |
| Barium | 347C3R1 | | 2.58e+1 | ug/dscm | 7%O2 | 3.72e-4 | lbs/hr | 7%O2 |
| Barium | 347C3R2 | | 2.87e+1 | ug/dscm | 7%O2 | 3.77e-4 | lbs/hr | 7%O2 |

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 347C3R3 | | 2.21e+1 | ug/dscm | 7%O2 | 2.81e-4 | lbs/hr | 7%O2 |
| Barium | 347C3R4 | | 2.10e+1 | ug/dscm | 7%O2 | 2.85e-4 | lbs/hr | 7%O2 |
| Barium | 347C4R1 | | 3.04e+1 | ug/dscm | 7%O2 | 3.94e-4 | lbs/hr | 7%O2 |
| Beryllium | 347C1R1 | ND | 2.65e-1 | ug/dscm | 7%O2 | 2.97e-6 | lbs/hr | CC7%O2 |
| Beryllium | 347C1R2 | ND | 2.68e-1 | ug/dscm | 7%O2 | 3.12e-6 | lbs/hr | CC7%O2 |
| Beryllium | 347C1R3 | ND | 2.94e-1 | ug/dscm | 7%O2 | 3.12e-6 | lbs/hr | CC7%O2 |
| Beryllium | 347C1R4 | ND | 2.95e-1 | ug/dscm | 7%O2 | 3.08e-6 | lbs/hr | CC7%O2 |
| Beryllium | 347C2R1 | ND | 2.72e-1 | ug/dscm | 7%O2 | 2.97e-6 | lbs/hr | CC7%O2 |
| Beryllium | 347C3R1 | ND | 1.40e+0 | ug/dscm | 7%O2 | 2.01e-5 | lbs/hr | 7%O2 |
| Beryllium | 347C3R2 | ND | 1.51e+0 | ug/dscm | 7%O2 | 1.98e-5 | lbs/hr | 7%O2 |
| Beryllium | 347C3R3 | ND | 1.43e+0 | ug/dscm | 7%O2 | 1.81e-5 | lbs/hr | 7%O2 |
| Beryllium | 347C3R4 | ND | 1.50e+0 | ug/dscm | 7%O2 | 2.03e-5 | lbs/hr | 7%O2 |
| Beryllium | 347C4R1 | ND | 1.48e+0 | ug/dscm | 7%O2 | 1.92e-5 | lbs/hr | 7%O2 |
| Cadmium | 347C1R1 | | 2.65e+0 | ug/dscm | 7%O2 | 2.97e-5 | lbs/hr | CC7%O2 |
| Cadmium | 347C1R2 | | 2.54e+0 | ug/dscm | 7%O2 | 2.96e-5 | lbs/hr | CC7%O2 |
| Cadmium | 347C1R3 | | 4.05e+0 | ug/dscm | 7%O2 | 4.29e-5 | lbs/hr | CC7%O2 |
| Cadmium | 347C1R4 | | 1.40e+0 | ug/dscm | 7%O2 | 1.46e-5 | lbs/hr | CC7%O2 |
| Cadmium | 347C2R1 | | 2.04e+0 | ug/dscm | 7%O2 | 2.23e-5 | lbs/hr | CC7%O2 |
| Cadmium | 347C3R1 | | 3.03e+0 | ug/dscm | 7%O2 | 4.02e-5 | lbs/hr | 7%O2 |
| Cadmium | 347C3R2 | | 4.63e+0 | ug/dscm | 7%O2 | 5.95e-5 | lbs/hr | 7%O2 |
| Cadmium | 347C3R3 | | 3.64e+0 | ug/dscm | 7%O2 | 4.53e-5 | lbs/hr | 7%O2 |
| Cadmium | 347C3R4 | | 4.59e+0 | ug/dscm | 7%O2 | 6.20e-5 | lbs/hr | 7%O2 |
| Cadmium | 347C4R1 | | 1.01e+0 | ug/dscm | 7%O2 | 1.06e-5 | lbs/hr | 7%O2 |
| Chromium | 347C1R1 | | 5.30e+0 | ug/dscm | 7%O2 | 5.94e-5 | lbs/hr | CC7%O2 |
| Chromium | 347C1R2 | | 3.35e+0 | ug/dscm | 7%O2 | 3.90e-5 | lbs/hr | CC7%O2 |
| Chromium | 347C1R3 | | 5.89e+0 | ug/dscm | 7%O2 | 6.24e-5 | lbs/hr | CC7%O2 |
| Chromium | 347C1R4 | | 7.38e+0 | ug/dscm | 7%O2 | 7.70e-5 | lbs/hr | CC7%O2 |
| Chromium | 347C2R1 | | 6.13e+0 | ug/dscm | 7%O2 | 6.69e-5 | lbs/hr | CC7%O2 |
| Chromium | 347C3R1 | | 2.98e+1 | ug/dscm | 7%O2 | 4.32e-4 | lbs/hr | 7%O2 |
| Chromium | 347C3R2 | | 5.56e+1 | ug/dscm | 7%O2 | 7.34e-4 | lbs/hr | 7%O2 |
| Chromium | 347C3R3 | | 1.77e+1 | ug/dscm | 7%O2 | 2.27e-4 | lbs/hr | 7%O2 |
| Chromium | 347C3R4 | | 6.62e+0 | ug/dscm | 7%O2 | 9.15e-5 | lbs/hr | 7%O2 |
| Chromium | 347C4R1 | | 1.31e+1 | ug/dscm | 7%O2 | 1.73e-4 | lbs/hr | 7%O2 |
| Chromium (Hex) | 347C1R1 | ND | 5.03e-1 | ug/dscm | 7%O2 | 5.64e-6 | lbs/hr | CC7%O2 |
| Chromium (Hex) | 347C1R2 | ND | 4.98e-1 | ug/dscm | 7%O2 | 5.80e-6 | lbs/hr | CC7%O2 |
| Chromium (Hex) | 347C1R3 | ND | 5.42e-1 | ug/dscm | 7%O2 | 5.74e-6 | lbs/hr | CC7%O2 |
| Chromium (Hex) | 347C1R4 | ND | 3.09e-1 | ug/dscm | 7%O2 | 3.23e-6 | lbs/hr | CC7%O2 |
| Chromium (Hex) | 347C2R1 | ND | 5.69e-1 | ug/dscm | 7%O2 | 6.21e-6 | lbs/hr | CC7%O2 |
| Lead | 347C1R1 | | 6.62e+0 | ug/dscm | 7%O2 | 7.42e-5 | lbs/hr | CC7%O2 |
| Lead | 347C1R2 | | 1.07e+1 | ug/dscm | 7%O2 | 1.25e-4 | lbs/hr | CC7%O2 |
| Lead | 347C1R3 | ND | 7.37e+0 | ug/dscm | 7%O2 | 7.81e-5 | lbs/hr | CC7%O2 |
| Lead | 347C1R4 | | 1.18e+1 | ug/dscm | 7%O2 | 1.23e-4 | lbs/hr | CC7%O2 |
| Lead | 347C2R1 | | 1.16e+1 | ug/dscm | 7%O2 | 1.26e-4 | lbs/hr | CC7%O2 |
| Lead | 347C3R1 | | 1.06e+1 | ug/dscm | 7%O2 | 1.51e-4 | lbs/hr | 7%O2 |
| Lead | 347C3R2 | | 1.49e+1 | ug/dscm | 7%O2 | 1.98e-4 | lbs/hr | 7%O2 |
| Lead | 347C3R3 | | 7.28e+0 | ug/dscm | 7%O2 | 9.06e-5 | lbs/hr | 7%O2 |
| Lead | 347C3R4 | ND | 3.06e+0 | ug/dscm | 7%O2 | 4.07e-5 | lbs/hr | 7%O2 |
| Lead | 347C4R1 | ND | 3.03e+0 | ug/dscm | 7%O2 | 3.84e-5 | lbs/hr | 7%O2 |
| Mercury | 347C1R1 | ND | 1.99e+0 | ug/dscm | 7%O2 | 2.23e-5 | lbs/hr | CC7%O2 |
| Mercury | 347C1R2 | | 1.13e+1 | ug/dscm | 7%O2 | 1.32e-4 | lbs/hr | CC7%O2 |
| Mercury | 347C1R3 | ND | 1.47e+0 | ug/dscm | 7%O2 | 1.56e-5 | lbs/hr | CC7%O2 |
| Mercury | 347C1R4 | ND | 1.48e+0 | ug/dscm | 7%O2 | 1.54e-5 | lbs/hr | CC7%O2 |
| Mercury | 347C2R1 | ND | 3.41e+0 | ug/dscm | 7%O2 | 3.72e-5 | lbs/hr | CC7%O2 |
| Mercury | 347C3R1 | | 1.66e+1 | ug/dscm | 7%O2 | 2.41e-4 | lbs/hr | 7%O2 |
| Mercury | 347C3R2 | | 1.34e+1 | ug/dscm | 7%O2 | 1.78e-4 | lbs/hr | 7%O2 |
| Mercury | 347C3R3 | | 1.20e+1 | ug/dscm | 7%O2 | 1.54e-4 | lbs/hr | 7%O2 |
| Mercury | 347C3R4 | | 2.24e+1 | ug/dscm | 7%O2 | 3.05e-4 | lbs/hr | 7%O2 |
| Mercury | 347C4R1 | | 5.04e-1 | ug/dscm | 7%O2 | 4.80e-6 | lbs/hr | 7%O2 |
| Nickel | 347C1R1 | ND | 6.62e+0 | ug/dscm | 7%O2 | 7.42e-5 | lbs/hr | CC7%O2 |
| Nickel | 347C1R2 | ND | 6.69e+0 | ug/dscm | 7%O2 | 7.79e-5 | lbs/hr | CC7%O2 |
| Nickel | 347C1R3 | ND | 7.37e+0 | ug/dscm | 7%O2 | 7.81e-5 | lbs/hr | CC7%O2 |
| Nickel | 347C1R4 | ND | 7.38e+0 | ug/dscm | 7%O2 | 7.70e-5 | lbs/hr | CC7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Nickel | 347C2R1 | ND | 6.81e+0 | ug/dscm | 7%O2 | 7.43e-5 | lbs/hr | CC7%O2 |
| Nickel | 347C3R1 | | 1.51e+1 | ug/dscm | 7%O2 | 2.21e-4 | lbs/hr | 7%O2 |
| Nickel | 347C3R2 | | 2.27e+1 | ug/dscm | 7%O2 | 2.97e-4 | lbs/hr | 7%O2 |
| Nickel | 347C3R3 | | 1.09e+1 | ug/dscm | 7%O2 | 1.36e-4 | lbs/hr | 7%O2 |
| Nickel | 347C3R4 | | 2.04e+1 | ug/dscm | 7%O2 | 2.74e-4 | lbs/hr | 7%O2 |
| Nickel | 347C4R1 | | 9.58e+0 | ug/dscm | 7%O2 | 1.25e-4 | lbs/hr | 7%O2 |
| Selenium | 347C1R1 | ND | 6.62e-1 | ug/dscm | 7%O2 | 7.42e-6 | lbs/hr | CC7%O2 |
| Selenium | 347C1R2 | ND | 6.69e-1 | ug/dscm | 7%O2 | 7.79e-6 | lbs/hr | CC7%O2 |
| Selenium | 347C1R3 | ND | 7.37e-1 | ug/dscm | 7%O2 | 7.81e-6 | lbs/hr | CC7%O2 |
| Selenium | 347C1R4 | ND | 7.38e-1 | ug/dscm | 7%O2 | 7.70e-6 | lbs/hr | CC7%O2 |
| Selenium | 347C2R1 | ND | 1.50e+0 | ug/dscm | 7%O2 | 1.64e-5 | lbs/hr | CC7%O2 |
| Selenium | 347C3R1 | ND | 5.04e-1 | ug/dscm | 7%O2 | 1.00e-5 | lbs/hr | 7%O2 |
| Selenium | 347C3R2 | ND | 5.15e-1 | ug/dscm | 7%O2 | 9.92e-6 | lbs/hr | 7%O2 |
| Selenium | 347C3R3 | ND | 5.20e-1 | ug/dscm | 7%O2 | 9.06e-6 | lbs/hr | 7%O2 |
| Selenium | 347C3R4 | ND | 3.06e+0 | ug/dscm | 7%O2 | 4.07e-5 | lbs/hr | 7%O2 |
| Selenium | 347C4R1 | ND | 5.04e-1 | ug/dscm | 7%O2 | 9.60e-6 | lbs/hr | 7%O2 |
| Silver | 347C1R1 | ND | 6.62e-1 | ug/dscm | 7%O2 | 7.42e-6 | lbs/hr | CC7%O2 |
| Silver | 347C1R2 | ND | 6.69e-1 | ug/dscm | 7%O2 | 7.79e-6 | lbs/hr | CC7%O2 |
| Silver | 347C1R3 | ND | 7.37e-1 | ug/dscm | 7%O2 | 7.81e-6 | lbs/hr | CC7%O2 |
| Silver | 347C1R4 | ND | 7.38e-1 | ug/dscm | 7%O2 | 7.70e-6 | lbs/hr | CC7%O2 |
| Silver | 347C2R1 | ND | 6.81e-1 | ug/dscm | 7%O2 | 7.43e-6 | lbs/hr | CC7%O2 |
| Silver | 347C3R1 | | 5.04e-1 | ug/dscm | 7%O2 | 1.00e-5 | lbs/hr | 7%O2 |
| Silver | 347C3R2 | | 5.15e-1 | ug/dscm | 7%O2 | 9.92e-6 | lbs/hr | 7%O2 |
| Silver | 347C3R3 | ND | 5.20e-1 | ug/dscm | 7%O2 | 9.06e-6 | lbs/hr | 7%O2 |
| Silver | 347C3R4 | | 3.06e+0 | ug/dscm | 7%O2 | 4.07e-5 | lbs/hr | 7%O2 |
| Silver | 347C4R1 | | 1.51e+0 | ug/dscm | 7%O2 | 1.92e-5 | lbs/hr | 7%O2 |
| Thallium | 347C1R1 | ND | 6.62e+0 | ug/dscm | 7%O2 | 7.42e-5 | lbs/hr | CC7%O2 |
| Thallium | 347C1R2 | ND | 6.69e+0 | ug/dscm | 7%O2 | 7.79e-5 | lbs/hr | CC7%O2 |
| Thallium | 347C1R3 | ND | 7.37e+0 | ug/dscm | 7%O2 | 7.81e-5 | lbs/hr | CC7%O2 |
| Thallium | 347C1R4 | ND | 7.38e+0 | ug/dscm | 7%O2 | 7.70e-5 | lbs/hr | CC7%O2 |
| Thallium | 347C2R1 | ND | 6.81e+0 | ug/dscm | 7%O2 | 7.43e-5 | lbs/hr | CC7%O2 |
| Thallium | 347C3R1 | ND | 6.96e+0 | ug/dscm | 7%O2 | 1.00e-4 | lbs/hr | 7%O2 |
| Thallium | 347C3R2 | ND | 7.52e+0 | ug/dscm | 7%O2 | 9.92e-5 | lbs/hr | 7%O2 |
| Thallium | 347C3R3 | ND | 7.13e+0 | ug/dscm | 7%O2 | 9.06e-5 | lbs/hr | 7%O2 |
| Thallium | 347C3R4 | ND | 7.49e+0 | ug/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| Thallium | 347C4R1 | ND | 7.41e+0 | ug/dscm | 7%O2 | 9.60e-5 | lbs/hr | 7%O2 |

7. Category: PAH

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Fluoranthene | 347C1R1 | ND | 3.99e+2 | ng/dscm | 7%O2 | 4.47e-6 | lbs/hr | CC7%O2 |
| Fluoranthene | 347C1R2 | ND | 3.87e+2 | ng/dscm | 7%O2 | 4.50e-6 | lbs/hr | CC7%O2 |
| Fluoranthene | 347C1R3 | ND | 6.77e+2 | ng/dscm | 7%O2 | 7.18e-6 | lbs/hr | CC7%O2 |
| Fluoranthene | 347C1R4 | | 4.70e+3 | ng/dscm | 7%O2 | 4.91e-5 | lbs/hr | CC7%O2 |
| Fluoranthene | 347C2R1 | ND | 3.26e+2 | ng/dscm | 7%O2 | 3.56e-6 | lbs/hr | CC7%O2 |
| Phenanthrene | 347C1R1 | ND | 5.58e+2 | ng/dscm | 7%O2 | 6.26e-6 | lbs/hr | CC7%O2 |
| Phenanthrene | 347C1R2 | ND | 5.46e+2 | ng/dscm | 7%O2 | 6.35e-6 | lbs/hr | CC7%O2 |
| Phenanthrene | 347C1R3 | ND | 8.80e+2 | ng/dscm | 7%O2 | 9.33e-6 | lbs/hr | CC7%O2 |
| Phenanthrene | 347C1R4 | | 3.14e+3 | ng/dscm | 7%O2 | 3.28e-5 | lbs/hr | CC7%O2 |
| Phenanthrene | 347C2R1 | | 7.76e+2 | ng/dscm | 7%O2 | 8.46e-6 | lbs/hr | CC7%O2 |
| Pyrene | 347C1R1 | ND | 3.24e+2 | ng/dscm | 7%O2 | 3.63e-6 | lbs/hr | CC7%O2 |
| Pyrene | 347C1R2 | ND | 3.01e+2 | ng/dscm | 7%O2 | 3.50e-6 | lbs/hr | CC7%O2 |
| Pyrene | 347C1R3 | ND | 5.99e+2 | ng/dscm | 7%O2 | 6.35e-6 | lbs/hr | CC7%O2 |
| Pyrene | 347C1R4 | | 5.28e+3 | ng/dscm | 7%O2 | 5.51e-5 | lbs/hr | CC7%O2 |
| Pyrene | 347C2R1 | ND | 2.72e+2 | ng/dscm | 7%O2 | 2.97e-6 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Particulate | 347C1R1 | | 8.02e-3 | gr/dscf | 7%O2 | 2.06e-1 | lbs/hr | CE |
| Particulate | 347C1R2 | | 1.35e-2 | gr/dscf | 7%O2 | 3.60e-1 | lbs/hr | CE |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Particulate | 347C1R3 | 1.19e-2 | gr/dscf | 7%O2 | 2.89e-1 | lbs/hr | CE |
| Particulate | 347C1R4 | 1.32e-2 | gr/dscf | 7%O2 | 3.15e-1 | lbs/hr | CE |
| Particulate | 347C2R1 | 2.55e-3 | gr/dscf | 7%O2 | 6.37e-2 | lbs/hr | CE |
| Particulate | 347C3R1 | 1.52e-2 | gr/dscf | 7%O2 | 4.66e-1 | lbs/hr | 7%O2 |
| Particulate | 347C3R2 | 1.44e-2 | gr/dscf | 7%O2 | 4.40e-1 | lbs/hr | 7%O2 |
| Particulate | 347C3R3 | 4.36e-3 | gr/dscf | 7%O2 | 1.32e-1 | lbs/hr | 7%O2 |
| Particulate | 347C3R4 | 1.01e-2 | gr/dscf | 7%O2 | 2.95e-1 | lbs/hr | 7%O2 |
| Particulate | 347C4R1 | 5.86e-4 | gr/dscf | 7%O2 | 1.70e-2 | lbs/hr | 7%O2 |

7. Category: SVOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| 2,4,6-Trinitrotoluene | 347C1R1 | ND | 1.25e+3 | ng/dscm | 7%O2 | 1.40e-5 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C1R2 | ND | 1.27e+3 | ng/dscm | 7%O2 | 1.48e-5 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C1R3 | ND | 1.23e+3 | ng/dscm | 7%O2 | 1.30e-5 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C1R4 | ND | 1.28e+3 | ng/dscm | 7%O2 | 1.34e-5 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C2R1 | ND | 1.12e+3 | ng/dscm | 7%O2 | 1.23e-5 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C3R1 | ND | 1.98e+5 | ng/dscm | 7%O2 | 2.82e-3 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C3R2 | ND | 2.29e+5 | ng/dscm | 7%O2 | 3.01e-3 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C3R3 | ND | 2.29e+5 | ng/dscm | 7%O2 | 2.94e-3 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C3R4 | ND | 2.23e+5 | ng/dscm | 7%O2 | 2.99e-3 | lbs/hr | CE7%O2 |
| 2,4,6-Trinitrotoluene | 347C4R1 | ND | 2.30e+5 | ng/dscm | 7%O2 | 2.96e-3 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C1R1 | ND | 1.25e+3 | ng/dscm | 7%O2 | 1.40e-5 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C1R2 | ND | 1.22e+3 | ng/dscm | 7%O2 | 1.42e-5 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C1R3 | ND | 1.23e+3 | ng/dscm | 7%O2 | 1.30e-5 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C1R4 | ND | 1.34e+3 | ng/dscm | 7%O2 | 1.40e-5 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C2R1 | ND | 1.12e+3 | ng/dscm | 7%O2 | 1.23e-5 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C3R1 | ND | 1.98e+5 | ng/dscm | 7%O2 | 2.82e-3 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C3R2 | ND | 2.29e+5 | ng/dscm | 7%O2 | 3.01e-3 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C3R3 | ND | 2.29e+5 | ng/dscm | 7%O2 | 2.94e-3 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C3R4 | ND | 2.23e+5 | ng/dscm | 7%O2 | 2.99e-3 | lbs/hr | CE7%O2 |
| 2,4-Dinitrotoluene | 347C4R1 | ND | 2.30e+5 | ng/dscm | 7%O2 | 2.96e-3 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C1R1 | ND | 1.25e+3 | ng/dscm | 7%O2 | 1.40e-5 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C1R2 | ND | 1.22e+3 | ng/dscm | 7%O2 | 1.42e-5 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C1R3 | ND | 1.23e+3 | ng/dscm | 7%O2 | 1.30e-5 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C1R4 | ND | 1.34e+3 | ng/dscm | 7%O2 | 1.40e-5 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C2R1 | ND | 1.12e+3 | ng/dscm | 7%O2 | 1.23e-5 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C3R1 | ND | 1.98e+5 | ng/dscm | 7%O2 | 2.82e-3 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C3R2 | ND | 2.29e+5 | ng/dscm | 7%O2 | 3.01e-3 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C3R3 | ND | 2.29e+5 | ng/dscm | 7%O2 | 2.94e-3 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C3R4 | ND | 2.23e+5 | ng/dscm | 7%O2 | 2.99e-3 | lbs/hr | CE7%O2 |
| 2,6-Dinitrotoluene | 347C4R1 | ND | 2.30e+5 | ng/dscm | 7%O2 | 2.96e-3 | lbs/hr | CE7%O2 |
| Benzoic acid | 347C1R1 | | 1.29e+5 | ng/dscm | 7%O2 | 1.45e-3 | lbs/hr | CC7%O2 |
| Benzoic acid | 347C1R2 | | 1.19e+5 | ng/dscm | 7%O2 | 1.39e-3 | lbs/hr | CC7%O2 |
| Benzoic acid | 347C1R3 | | 1.15e+5 | ng/dscm | 7%O2 | 1.22e-3 | lbs/hr | CC7%O2 |
| Benzoic acid | 347C1R4 | | 1.03e+5 | ng/dscm | 7%O2 | 1.08e-3 | lbs/hr | CC7%O2 |
| Benzoic acid | 347C2R1 | | 1.63e+5 | ng/dscm | 7%O2 | 1.78e-3 | lbs/hr | CC7%O2 |
| Benzoic acid | 347C3R1 | | 2.73e+5 | ng/dscm | 7%O2 | 3.82e-3 | lbs/hr | 7%O2 |
| Benzoic acid | 347C3R2 | | 1.02e+5 | ng/dscm | 7%O2 | 1.32e-3 | lbs/hr | 7%O2 |
| Benzoic acid | 347C3R3 | | 2.77e+5 | ng/dscm | 7%O2 | 3.55e-3 | lbs/hr | 7%O2 |
| Benzoic acid | 347C3R4 | | 2.61e+5 | ng/dscm | 7%O2 | 3.41e-3 | lbs/hr | 7%O2 |
| Benzoic acid | 347C4R1 | | 1.86e+5 | ng/dscm | 7%O2 | 2.36e-3 | lbs/hr | 7%O2 |
| bis(2-ethylexyl) Phthalate | 347C1R1 | | 4.26e+3 | ng/dscm | 7%O2 | 4.78e-5 | lbs/hr | CC7%O2 |
| bis(2-ethylexyl) Phthalate | 347C1R2 | | 3.29e+3 | ng/dscm | 7%O2 | 3.83e-5 | lbs/hr | CC7%O2 |
| bis(2-ethylexyl) Phthalate | 347C1R3 | | 9.41e+3 | ng/dscm | 7%O2 | 9.97e-5 | lbs/hr | CC7%O2 |
| bis(2-ethylexyl) Phthalate | 347C1R4 | | 2.59e+4 | ng/dscm | 7%O2 | 2.70e-4 | lbs/hr | CC7%O2 |
| bis(2-ethylexyl) Phthalate | 347C2R1 | | 8.85e+6 | ng/dscm | 7%O2 | 9.65e-2 | lbs/hr | CC7%O2 |
| bis(2-ethylexyl) Phthalate | 347C3R1 | ND | 7.56e+3 | ng/dscm | 7%O2 | 1.03e-4 | lbs/hr | 7%O2 |
| bis(2-ethylexyl) Phthalate | 347C3R2 | | 1.29e+4 | ng/dscm | 7%O2 | 1.67e-4 | lbs/hr | 7%O2 |
| bis(2-ethylexyl) Phthalate | 347C3R3 | ND | 7.80e+3 | ng/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| bis(2-ethylexyl) Phthalate | 347C3R4 | ND | 7.64e+3 | ng/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| bis(2-ethylexyl) Phthalate | 347C4R1 | | 3.33e+4 | ng/dscm | 7%O2 | 4.27e-4 | lbs/hr | 7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Butylbenzylphthalate | 347C1R1 | ND | 5.67e+2 | ng/dscm | 7%O2 | 6.36e-6 | lbs/hr | CC7%O2 |
| Butylbenzylphthalate | 347C1R2 | ND | 5.29e+2 | ng/dscm | 7%O2 | 6.15e-6 | lbs/hr | CC7%O2 |
| Butylbenzylphthalate | 347C1R3 | ND | 1.06e+3 | ng/dscm | 7%O2 | 1.12e-5 | lbs/hr | CC7%O2 |
| Butylbenzylphthalate | 347C1R4 | ND | 1.37e+3 | ng/dscm | 7%O2 | 1.43e-5 | lbs/hr | CC7%O2 |
| Butylbenzylphthalate | 347C2R1 | | 2.23e+3 | ng/dscm | 7%O2 | 2.43e-5 | lbs/hr | CC7%O2 |
| di-n-Butyl Phthalate | 347C3R1 | ND | 7.56e+3 | ng/dscm | 7%O2 | 1.03e-4 | lbs/hr | 7%O2 |
| di-n-Butyl Phthalate | 347C3R2 | | 1.54e+4 | ng/dscm | 7%O2 | 1.97e-4 | lbs/hr | 7%O2 |
| di-n-Butyl Phthalate | 347C3R3 | ND | 7.80e+3 | ng/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| di-n-Butyl Phthalate | 347C3R4 | ND | 7.64e+3 | ng/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| di-n-Butyl Phthalate | 347C4R1 | ND | 8.57e+3 | ng/dscm | 7%O2 | 1.07e-4 | lbs/hr | 7%O2 |
| di-n-Octyl Phthalate | 347C1R1 | ND | 3.02e+2 | ng/dscm | 7%O2 | 3.38e-6 | lbs/hr | CC7%O2 |
| di-n-Octyl Phthalate | 347C1R2 | ND | 2.84e+2 | ng/dscm | 7%O2 | 3.30e-6 | lbs/hr | CC7%O2 |
| di-n-Octyl Phthalate | 347C1R3 | ND | 5.53e+2 | ng/dscm | 7%O2 | 5.86e-6 | lbs/hr | CC7%O2 |
| di-n-Octyl Phthalate | 347C1R4 | | 2.44e+4 | ng/dscm | 7%O2 | 2.55e-4 | lbs/hr | CC7%O2 |
| di-n-Octyl Phthalate | 347C2R1 | ND | 3.13e+2 | ng/dscm | 7%O2 | 3.41e-6 | lbs/hr | CC7%O2 |
| Diethylphthalate | 347C1R1 | | 3.09e+3 | ng/dscm | 7%O2 | 3.46e-5 | lbs/hr | CC7%O2 |
| Diethylphthalate | 347C1R2 | | 2.18e+3 | ng/dscm | 7%O2 | 2.54e-5 | lbs/hr | CC7%O2 |
| Diethylphthalate | 347C1R3 | ND | 9.81e+2 | ng/dscm | 7%O2 | 1.04e-5 | lbs/hr | CC7%O2 |
| Diethylphthalate | 347C1R4 | ND | 1.21e+3 | ng/dscm | 7%O2 | 1.26e-5 | lbs/hr | CC7%O2 |
| Diethylphthalate | 347C2R1 | | 7.82e+3 | ng/dscm | 7%O2 | 8.53e-5 | lbs/hr | CC7%O2 |
| Phenol | 347C1R1 | | 3.24e+3 | ng/dscm | 7%O2 | 3.63e-5 | lbs/hr | CC7%O2 |
| Phenol | 347C1R2 | | 3.28e+3 | ng/dscm | 7%O2 | 3.82e-5 | lbs/hr | CC7%O2 |
| Phenol | 347C1R3 | ND | 2.61e+3 | ng/dscm | 7%O2 | 2.77e-5 | lbs/hr | CC7%O2 |
| Phenol | 347C1R4 | ND | 2.89e+3 | ng/dscm | 7%O2 | 3.02e-5 | lbs/hr | CC7%O2 |
| Phenol | 347C2R1 | | 6.53e+3 | ng/dscm | 7%O2 | 7.12e-5 | lbs/hr | CC7%O2 |
| Phenol | 347C3R1 | | 1.06e+4 | ng/dscm | 7%O2 | 1.49e-4 | lbs/hr | 7%O2 |
| Phenol | 347C3R2 | ND | 7.72e+3 | ng/dscm | 7%O2 | 1.03e-4 | lbs/hr | 7%O2 |
| Phenol | 347C3R3 | ND | 7.80e+3 | ng/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| Phenol | 347C3R4 | ND | 7.64e+3 | ng/dscm | 7%O2 | 1.02e-4 | lbs/hr | 7%O2 |
| Phenol | 347C4R1 | ND | 8.57e+3 | ng/dscm | 7%O2 | 1.07e-4 | lbs/hr | 7%O2 |
| VX-Nerve Agent | 347C1R1 | ND | 1.54e+2 | ng/dscm | 7%O2 | 1.73e-6 | lbs/hr | CC7%O2 |
| VX-Nerve Agent | 347C1R2 | ND | 1.52e+2 | ng/dscm | 7%O2 | 1.77e-6 | lbs/hr | CC7%O2 |
| VX-Nerve Agent | 347C1R3 | ND | 1.54e+2 | ng/dscm | 7%O2 | 1.63e-6 | lbs/hr | CC7%O2 |
| VX-Nerve Agent | 347C1R4 | ND | 1.59e+2 | ng/dscm | 7%O2 | 1.66e-6 | lbs/hr | CC7%O2 |
| VX-Nerve Agent | 347C2R1 | ND | 1.47e+2 | ng/dscm | 7%O2 | 1.60e-6 | lbs/hr | CC7%O2 |

5. Type: UNCONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| HCl | 347C1R1 | 4.69e+1 | ppmv | 7%O2 | 7.02e-1 | lbs/hr | CC7%O2 |
| HCl | 347C1R2 | 9.18e+1 | ppmv | 7%O2 | 1.34e+0 | lbs/hr | CC7%O2 |
| HCl | 347C1R3 | 5.06e+1 | ppmv | 7%O2 | 6.82e-1 | lbs/hr | CC7%O2 |
| HCl | 347C1R4 | 7.48e+1 | ppmv | 7%O2 | 9.34e-1 | lbs/hr | CC7%O2 |
| HCl | 347C2R1 | 1.91e+0 | ppmv | 7%O2 | 2.90e-2 | lbs/hr | CC7%O2 |
| HCl | 347C3R1 | 1.37e+3 | ppmv | 7%O2 | 1.83e+1 | lbs/hr | CC7%O2 |
| HCl | 347C3R2 | 1.09e+3 | ppmv | 7%O2 | 1.81e+1 | lbs/hr | CC7%O2 |
| HCl | 347C3R3 | 1.13e+3 | ppmv | 7%O2 | 1.79e+1 | lbs/hr | CC7%O2 |
| HCl | 347C3R4 | 6.59e+2 | ppmv | 7%O2 | 1.04e+1 | lbs/hr | CC7%O2 |
| HCl | 347C4R1 | 1.53e+2 | ppmv | 7%O2 | 2.26e+0 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 347C1R1 | 4.58e-1 | gr/dscf | 7%O2 | 1.04e+1 | lbs/hr | CE |
| Particulate | 347C1R2 | 4.28e-1 | gr/dscf | 7%O2 | 9.47e+0 | lbs/hr | CE |
| Particulate | 347C1R3 | 5.78e-1 | gr/dscf | 7%O2 | 1.18e+1 | lbs/hr | CE |
| Particulate | 347C1R4 | 4.93e-1 | gr/dscf | 7%O2 | 9.32e+0 | lbs/hr | CE |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Particulate | 347C2R1 | 3.68e-2 | gr/dscf | 7%O2 | 8.48e-1 | lbs/hr | Œ |
| Particulate | 347C3R1 | 1.78e-1 | gr/dscf | 7%O2 | 3.60e+0 | lbs/hr | 7%O2 |
| Particulate | 347C3R2 | 8.71e-2 | gr/dscf | 7%O2 | 2.18e+0 | lbs/hr | 7%O2 |
| Particulate | 347C3R3 | 1.54e-1 | gr/dscf | 7%O2 | 3.70e+0 | lbs/hr | 7%O2 |
| Particulate | 347C3R4 | 1.49e-1 | gr/dscf | 7%O2 | 3.56e+0 | lbs/hr | 7%O2 |
| Particulate | 347C4R1 | 8.18e-2 | gr/dscf | 7%O2 | 1.83e+0 | lbs/hr | 7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| HCl | 357C1R1 | | 9.58e+0 | ppmv 7%O2 | 3.20e-1 | lbs/hr | CC7%O2 |
| HCl | 357C1R2 | | 6.79e+0 | ppmv 7%O2 | 2.30e-1 | lbs/hr | CC7%O2 |
| HCl | 357C1R3 | ND | 4.52e+0 | ppmv 7%O2 | 1.60e-1 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 357C1R1 | | 3.27e-2 | gr/dscf 7%O2 | 1.66e+0 | lbs/hr | CE |
| Particulate | 357C1R2 | | 2.44e-2 | gr/dscf 7%O2 | 1.25e+0 | lbs/hr | CE |
| Particulate | 357C1R3 | | 1.77e-2 | gr/dscf 7%O2 | 9.50e-1 | lbs/hr | CE |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 357C1R2 | | 1.60e+1 | ppmv 7%O2 | 4.17e-1 | lbs/hr | CE |
| CO | 357C1R3 | | 6.00e+0 | ppmv 7%O2 | 1.63e-1 | lbs/hr | CE |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 357C1R1 | ND | 7.78e+4 | ng/dscm 7%O2 | 1.72e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 357C1R2 | ND | 5.68e+4 | ng/dscm 7%O2 | 1.27e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 357C1R3 | ND | 8.82e+4 | ng/dscm 7%O2 | 2.07e-3 | lbs/hr | CE7%O2 |
| Trichlorofluoromethane | 357C1R1 | | 5.66e+4 | ng/dscm 7%O2 | 1.25e-3 | lbs/hr | CE7%O2 |
| Trichlorofluoromethane | 357C1R2 | | 3.48e+5 | ng/dscm 7%O2 | 7.80e-3 | lbs/hr | CE7%O2 |
| Trichlorofluoromethane | 357C1R3 | | 1.49e+5 | ng/dscm 7%O2 | 3.49e-3 | lbs/hr | CE7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Dioxin & Furan

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| 4D 2378 | 808C1R2 | | 1.82e-2 | ng/dscm 7%O2 | 1.01e-9 | lbs/hr | CE7%O2 |
| 4D 2378 | 808C1R3 | | 3.45e-2 | ng/dscm 7%O2 | 1.90e-9 | lbs/hr | CE7%O2 |
| 4D Other | 808C1R2 | | 1.47e+0 | ng/dscm 7%O2 | 8.16e-8 | lbs/hr | CCE |
| 4D Other | 808C1R3 | | 1.78e+0 | ng/dscm 7%O2 | 9.83e-8 | lbs/hr | CCE |
| 4D Total | 808C1R2 | | 1.49e+0 | ng/dscm 7%O2 | 8.26e-8 | lbs/hr | CE7%O2 |
| 4D Total | 808C1R3 | | 1.82e+0 | ng/dscm 7%O2 | 1.00e-7 | lbs/hr | CE7%O2 |
| 4F 2378 | 808C1R2 | | 6.18e-2 | ng/dscm 7%O2 | 3.42e-9 | lbs/hr | CE7%O2 |
| 4F 2378 | 808C1R3 | | 9.82e-2 | ng/dscm 7%O2 | 5.41e-9 | lbs/hr | CE7%O2 |
| 4F Other | 808C1R2 | | 7.03e+0 | ng/dscm 7%O2 | 3.89e-7 | lbs/hr | CCE |
| 4F Other | 808C1R3 | | 7.54e+0 | ng/dscm 7%O2 | 4.15e-7 | lbs/hr | CCE |
| 4F Total | 808C1R2 | | 7.09e+0 | ng/dscm 7%O2 | 3.93e-7 | lbs/hr | CE7%O2 |
| 4F Total | 808C1R3 | | 7.64e+0 | ng/dscm 7%O2 | 4.21e-7 | lbs/hr | CE7%O2 |
| 5D 12378 | 808C1R2 | ND | 7.27e-2 | ng/dscm 7%O2 | 4.03e-9 | lbs/hr | CE7%O2 |
| 5D 12378 | 808C1R3 | ND | 7.27e-2 | ng/dscm 7%O2 | 4.01e-9 | lbs/hr | CE7%O2 |
| 5D Other | 808C1R2 | | 3.64e-2 | ng/dscm 7%O2 | 2.01e-9 | lbs/hr | CCE |
| 5D Other | 808C1R3 | | 2.18e-1 | ng/dscm 7%O2 | 1.20e-8 | lbs/hr | CCE |
| 5D Total | 808C1R2 | | 1.09e-1 | ng/dscm 7%O2 | 6.04e-9 | lbs/hr | CE7%O2 |
| 5D Total | 808C1R3 | | 2.91e-1 | ng/dscm 7%O2 | 1.60e-8 | lbs/hr | CE7%O2 |
| 5F 2378 | 808C1R2 | | 9.45e-2 | ng/dscm 7%O2 | 5.24e-9 | lbs/hr | CE7%O2 |
| 5F 2378 | 808C1R3 | | 1.31e-1 | ng/dscm 7%O2 | 7.21e-9 | lbs/hr | CE7%O2 |
| 5F Other | 808C1R2 | | 9.60e-1 | ng/dscm 7%O2 | 5.32e-8 | lbs/hr | CCE |
| 5F Other | 808C1R3 | | 1.69e+0 | ng/dscm 7%O2 | 9.30e-8 | lbs/hr | CCE |
| 5F Total | 808C1R2 | | 1.05e+0 | ng/dscm 7%O2 | 5.84e-8 | lbs/hr | CE7%O2 |
| 5F Total | 808C1R3 | | 1.82e+0 | ng/dscm 7%O2 | 1.00e-7 | lbs/hr | CE7%O2 |
| 6D 2378 | 808C1R2 | ND | 9.09e-2 | ng/dscm 7%O2 | 5.03e-9 | lbs/hr | CE7%O2 |
| 6D 2378 | 808C1R3 | ND | 7.27e-2 | ng/dscm 7%O2 | 4.01e-9 | lbs/hr | CE7%O2 |
| 6D Other | 808C1R2 | | 0.00e+0 | | 8.08e-28 | lbs/hr | CCE |
| 6D Other | 808C1R3 | | 0.00e+0 | | 8.08e-28 | lbs/hr | CCE |
| 6D Total | 808C1R2 | ND | 9.09e-2 | ng/dscm 7%O2 | 5.03e-9 | lbs/hr | CE7%O2 |
| 6D Total | 808C1R3 | ND | 7.27e-2 | ng/dscm 7%O2 | 4.01e-9 | lbs/hr | CE7%O2 |
| 6F 2378 | 808C1R2 | | 1.04e-1 | ng/dscm 7%O2 | 5.74e-9 | lbs/hr | CE7%O2 |
| 6F 2378 | 808C1R3 | | 2.00e-1 | ng/dscm 7%O2 | 1.10e-8 | lbs/hr | CE7%O2 |
| 6F Other | 808C1R2 | | 7.82e-2 | ng/dscm 7%O2 | 4.33e-9 | lbs/hr | CCE |
| 6F Other | 808C1R3 | | 4.18e-1 | ng/dscm 7%O2 | 2.30e-8 | lbs/hr | CCE |
| 6F Total | 808C1R2 | | 1.82e-1 | ng/dscm 7%O2 | 1.01e-8 | lbs/hr | CE7%O2 |
| 6F Total | 808C1R3 | | 6.18e-1 | ng/dscm 7%O2 | 3.41e-8 | lbs/hr | CE7%O2 |
| 7D 1234678 | 808C1R2 | ND | 1.45e-1 | ng/dscm 7%O2 | 8.05e-9 | lbs/hr | CE7%O2 |
| 7D 1234678 | 808C1R3 | ND | 1.09e-1 | ng/dscm 7%O2 | 6.01e-9 | lbs/hr | CE7%O2 |
| 7D Other | 808C1R2 | | 0.00e+0 | | 0.00e+0 | | CCE |
| 7D Other | 808C1R3 | | 0.00e+0 | | 0.00e+0 | | CCE |
| 7D Total | 808C1R2 | ND | 1.45e-1 | ng/dscm 7%O2 | 8.05e-9 | lbs/hr | CE7%O2 |
| 7D Total | 808C1R3 | ND | 1.09e-1 | ng/dscm 7%O2 | 6.01e-9 | lbs/hr | CE7%O2 |
| 7F 2378 | 808C1R2 | | 1.09e-1 | ng/dscm 7%O2 | 6.04e-9 | lbs/hr | CE7%O2 |
| 7F 2378 | 808C1R3 | | 2.36e-1 | ng/dscm 7%O2 | 1.30e-8 | lbs/hr | CE7%O2 |
| 7F Other | 808C1R2 | | 0.00e+0 | | 4.04e-28 | lbs/hr | CCE |
| 7F Other | 808C1R3 | | 0.00e+0 | | 1.62e-27 | lbs/hr | CCE |
| 7F Total | 808C1R2 | | 1.09e-1 | ng/dscm 7%O2 | 6.04e-9 | lbs/hr | CE7%O2 |
| 7F Total | 808C1R3 | | 2.36e-1 | ng/dscm 7%O2 | 1.30e-8 | lbs/hr | CE7%O2 |
| 8D | 808C1R2 | | 4.91e-1 | ng/dscm 7%O2 | 2.72e-8 | lbs/hr | CE7%O2 |
| 8D | 808C1R3 | | 6.18e-1 | ng/dscm 7%O2 | 3.41e-8 | lbs/hr | CE7%O2 |
| 8F | 808C1R2 | ND | 4.18e-1 | ng/dscm 7%O2 | 2.32e-8 | lbs/hr | CE7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8F | 808C1R3 | ND | 2.55e-1 | ng/dscm | 7%O2 | 1.40e-8 | lbs/hr | CE7%O2 |
| TEQ | 808C1R2 | | 1.31e-1 | ng/dscm | 7%O2 | 7.25e-9 | lbs/hr | CCET |
| TEQ | 808C1R3 | | 1.78e-1 | ng/dscm | 7%O2 | 9.80e-9 | lbs/hr | CCET |
| Total PCDD/PCDF | 808C1R2 | | 1.12e+1 | ng/dscm | 7%O2 | 6.19e-7 | lbs/hr | CCET |
| Total PCDD/PCDF | 808C1R3 | | 1.35e+1 | ng/dscm | 7%O2 | 7.42e-7 | lbs/hr | CCET |

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| HBr | 808C1R1 | | 2.18e+1 | ppmv | 7%O2 | 4.29e+0 | lbs/hr | CE7%O2 |
| HBr | 808C1R2 | | 1.92e+1 | ppmv | 7%O2 | 3.56e+0 | lbs/hr | CE7%O2 |
| HBr | 808C1R3 | | 2.58e+1 | ppmv | 7%O2 | 4.77e+0 | lbs/hr | CE7%O2 |
| HBr | 808C2R1 | | 1.13e+1 | ppmv | 7%O2 | 2.87e+0 | lbs/hr | CE7%O2 |
| HBr | 808C2R2 | | 1.31e+1 | ppmv | 7%O2 | 3.20e+0 | lbs/hr | CE7%O2 |
| HBr | 808C2R3 | | 2.13e+1 | ppmv | 7%O2 | 4.77e+0 | lbs/hr | CE7%O2 |
| HCl | 808C1R1 | | 9.44e-1 | ppmv | 7%O2 | 8.36e-2 | lbs/hr | CE7%O2 |
| HCl | 808C1R2 | | 2.78e-1 | ppmv | 7%O2 | 2.32e-2 | lbs/hr | CE7%O2 |
| HCl | 808C1R3 | | 6.87e-1 | ppmv | 7%O2 | 5.73e-2 | lbs/hr | CE7%O2 |
| HCl | 808C2R1 | | 1.48e-1 | ppmv | 7%O2 | 1.69e-2 | lbs/hr | CE7%O2 |
| HCl | 808C2R2 | | 6.20e-1 | ppmv | 7%O2 | 6.84e-2 | lbs/hr | CE7%O2 |
| HCl | 808C2R3 | | 8.03e-2 | ppmv | 7%O2 | 8.10e-3 | lbs/hr | CE7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Particulate | 808C1R1 | | 5.97e-2 | gr/dscf | 7%O2 | 8.00e+0 | lbs/hr | CE7%O2 |
| Particulate | 808C1R2 | | 1.34e-2 | gr/dscf | 7%O2 | 1.70e+0 | lbs/hr | CE7%O2 |
| Particulate | 808C1R3 | | 8.90e-3 | gr/dscf | 7%O2 | 1.12e+0 | lbs/hr | CE7%O2 |
| Particulate | 808C2R1 | | 6.71e-3 | gr/dscf | 7%O2 | 1.17e+0 | lbs/hr | CE7%O2 |
| Particulate | 808C2R2 | | 8.25e-3 | gr/dscf | 7%O2 | 1.38e+0 | lbs/hr | CE7%O2 |
| Particulate | 808C2R3 | | 1.78e-2 | gr/dscf | 7%O2 | 2.71e+0 | lbs/hr | CE7%O2 |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| CO | 808C1R1 | | 4.87e+2 | ppmv | 7%O2 | 3.32e+1 | lbs/hr | CE7%O2 |
| CO | 808C1R2 | | 2.91e+1 | ppmv | 7%O2 | 1.87e+0 | lbs/hr | CE7%O2 |
| CO | 808C1R3 | | 8.91e+1 | ppmv | 7%O2 | 5.70e+0 | lbs/hr | CE7%O2 |
| CO | 808C2R1 | ND | 1.20e+1 | ppmv | 7%O2 | 1.05e+0 | lbs/hr | CE7%O2 |
| CO | 808C2R2 | ND | 1.25e+1 | ppmv | 7%O2 | 1.06e+0 | lbs/hr | CE7%O2 |
| CO | 808C2R3 | ND | 1.36e+1 | ppmv | 7%O2 | 1.05e+0 | lbs/hr | CE7%O2 |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 808C1R1 | | 8.37e+4 | ng/dscm | 7%O2 | 4.90e-3 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 808C1R2 | | 5.42e+3 | ng/dscm | 7%O2 | 3.00e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 808C1R3 | | 1.45e+4 | ng/dscm | 7%O2 | 8.00e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 808C2R1 | | 3.30e+4 | ng/dscm | 7%O2 | 2.50e-3 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 808C2R2 | | 6.04e+4 | ng/dscm | 7%O2 | 4.40e-3 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 808C2R3 | | 3.30e+4 | ng/dscm | 7%O2 | 2.20e-3 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 808C1R1 | ND | 4.78e+3 | ng/dscm | 7%O2 | 2.80e-4 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 808C1R2 | ND | 1.63e+3 | ng/dscm | 7%O2 | 9.00e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 808C1R3 | | 2.36e+3 | ng/dscm | 7%O2 | 1.30e-4 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 808C2R1 | ND | 1.19e+3 | ng/dscm | 7%O2 | 9.00e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 808C2R2 | ND | 1.24e+3 | ng/dscm | 7%O2 | 9.00e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 808C2R3 | ND | 1.35e+3 | ng/dscm | 7%O2 | 9.00e-5 | lbs/hr | CC7%O2 |
| Tetrachloroethene | 808C1R1 | | 6.49e+5 | ng/dscm | 7%O2 | 3.80e-2 | lbs/hr | CC7%O2 |
| Tetrachloroethene | 808C1R2 | | 7.23e+3 | ng/dscm | 7%O2 | 4.00e-4 | lbs/hr | CC7%O2 |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Tetrachloroethene | 808C1R3 | 1.27e+4 | ng/dscm | 7%O2 | 7.00e-4 | lbs/hr | CC7%O2 |
| Tetrachloroethene | 808C2R1 | 2.64e+3 | ng/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Tetrachloroethene | 808C2R2 | 1.37e+3 | ng/dscm | 7%O2 | 1.00e-4 | lbs/hr | CC7%O2 |
| Tetrachloroethene | 808C2R3 | 4.50e+3 | ng/dscm | 7%O2 | 3.00e-4 | lbs/hr | CC7%O2 |

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

5. Type: CONTROLLED

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

7. Category: Dioxin & Furan

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | Calc |
|---|---|---|---|---|---|
| 4D 2378 | 353C2R2 | 3.94e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4D 2378 | 353C2R3 | 1.39e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4D 2378 | 353C2R4 | 4.93e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4D Other | 353C2R2 | 3.90e+0 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 4D Other | 353C2R3 | 6.72e+0 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 4D Other | 353C2R4 | 4.36e+0 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 4D Total | 353C2R2 | 3.94e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4D Total | 353C2R3 | 6.85e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4D Total | 353C2R4 | 4.41e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4F 2378 | 353C2R2 | 2.85e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4F 2378 | 353C2R3 | 5.40e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4F 2378 | 353C2R4 | 3.37e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4F Other | 353C2R2 | 6.11e+1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 4F Other | 353C2R3 | 1.21e+2 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 4F Other | 353C2R4 | 9.33e+1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 4F Total | 353C2R2 | 6.12e+1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4F Total | 353C2R3 | 1.21e+2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 4F Total | 353C2R4 | 9.33e+1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5D 12378 | 353C2R2 | 2.31e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5D 12378 | 353C2R3 | 4.23e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5D 12378 | 353C2R4 | 2.85e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5D Other | 353C2R2 | 6.16e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 5D Other | 353C2R3 | 6.58e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 5D Other | 353C2R4 | 8.66e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 5D Total | 353C2R2 | 6.39e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5D Total | 353C2R3 | 7.00e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5D Total | 353C2R4 | 8.94e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5F 2378 | 353C2R2 | 7.34e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5F 2378 | 353C2R3 | 1.08e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5F 2378 | 353C2R4 | 7.26e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5F Other | 353C2R2 | 1.15e+0 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 5F Other | 353C2R3 | 2.66e+0 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 5F Other | 353C2R4 | 1.22e+0 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 5F Total | 353C2R2 | 1.22e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5F Total | 353C2R3 | 2.77e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 5F Total | 353C2R4 | 1.30e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6D 2378 | 353C2R2 | 1.17e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6D 2378 | 353C2R3 | 1.46e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6D 2378 | 353C2R4 | 6.48e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6D Other | 353C2R2 | 1.50e-2 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 6D Other | 353C2R3 | -2.71e-20 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 6D Other | 353C2R4 | 6.78e-21 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 6D Total | 353C2R2 | 1.32e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6D Total | 353C2R3 | 1.46e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6D Total | 353C2R4 | 6.48e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6F 2378 | 353C2R2 | 1.50e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6F 2378 | 353C2R3 | 2.33e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6F 2378 | 353C2R4 | 1.43e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6F Other | 353C2R2 | 5.30e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 6F Other | 353C2R3 | 5.98e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 6F Other | 353C2R4 | 3.24e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 6F Total | 353C2R2 | 6.80e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 6F Total | 353C2R3 | 8.31e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| 6F Total | 353C2R4 | | 4.67e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7D 1234678 | 353C2R2 | | 1.50e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7D 1234678 | 353C2R3 | | 2.63e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7D 1234678 | 353C2R4 | | 6.48e-2 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7D Other | 353C2R2 | | 1.50e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 7D Other | 353C2R3 | | 2.77e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 7D Other | 353C2R4 | | 6.48e-2 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 7D Total | 353C2R2 | | 2.99e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7D Total | 353C2R3 | | 5.40e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7D Total | 353C2R4 | | 1.30e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7F 2378 | 353C2R2 | | 2.45e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7F 2378 | 353C2R3 | | 5.54e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7F 2378 | 353C2R4 | | 1.94e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7F Other | 353C2R2 | | 1.77e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 7F Other | 353C2R3 | | 3.21e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 7F Other | 353C2R4 | | 1.17e-1 | ng/dscm 7%O2 | 0.00e+0 | CCE |
| 7F Total | 353C2R2 | | 4.21e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7F Total | 353C2R3 | | 8.75e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 7F Total | 353C2R4 | | 3.11e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 8D | 353C2R2 | | 5.71e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 8D | 353C2R3 | | 1.31e+0 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 8D | 353C2R4 | | 2.20e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 8F | 353C2R2 | | 1.50e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 8F | 353C2R3 | | 5.25e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| 8F | 353C2R4 | | 1.43e-1 | ng/dscm 7%O2 | 0.00e+0 | 7%O2 |
| TEQ | 353C2R2 | | 1.22e-1 | ng/dscm 7%O2 | 0.00e+0 | CCET |
| TEQ | 353C2R3 | | 2.67e-1 | ng/dscm 7%O2 | 0.00e+0 | CCET |
| TEQ | 353C2R4 | | 1.27e-1 | ng/dscm 7%O2 | 0.00e+0 | CCET |
| Total PCDD/PCDF | 353C2R2 | | 6.92e+1 | ng/dscm 7%O2 | 0.00e+0 | CCET |
| Total PCDD/PCDF | 353C2R3 | | 1.36e+2 | ng/dscm 7%O2 | 0.00e+0 | CCET |
| Total PCDD/PCDF | 353C2R4 | | 1.01e+2 | ng/dscm 7%O2 | 0.00e+0 | CCET |

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | | Concentration | Mass Rate | Calc |
|---|---|---|---|---|---|
| HCl | 353C1R1 | | 0.00e+0 | 5.80e-1 lbs/hr | |
| HCl | 353C1R2 | ND | 0.00e+0 | 5.10e-1 lbs/hr | |
| HCl | 353C1R3 | ND | 0.00e+0 | 4.20e-1 lbs/hr | |
| HCl | 353C1R4 | ND | 0.00e+0 | 4.20e-1 lbs/hr | |
| HCl | 353C2R1 | | 0.00e+0 | 5.53e+0 lbs/hr | |
| HCl | 353C2R2 | | 0.00e+0 | 1.73e+0 lbs/hr | |
| HCl | 353C2R3 | | 0.00e+0 | 3.76e+0 lbs/hr | |
| HCl | 353C2R4 | | 0.00e+0 | 3.76e+0 lbs/hr | |

7. Category: Metals

Analysis:

| 8. Substance | 9. Run ID | | Concentration | Mass Rate | Calc |
|---|---|---|---|---|---|
| Antimony | 353C1R1 | | 1.37e-1 ug/dscm 7%O2 | 1.11e-5 lbs/hr | 7%O2 |
| Antimony | 353C1R2 | | 1.84e-1 ug/dscm 7%O2 | 1.51e-5 lbs/hr | 7%O2 |
| Antimony | 353C1R3 | | 1.20e-1 ug/dscm 7%O2 | 1.03e-5 lbs/hr | 7%O2 |
| Antimony | 353C1R4 | | 1.07e+0 ug/dscm 7%O2 | 9.53e-6 lbs/hr | 7%O2 |
| Antimony | 353C2R1 | | 2.31e+1 ug/dscm 7%O2 | 1.91e-3 lbs/hr | 7%O2 |
| Antimony | 353C2R2 | | 1.90e+1 ug/dscm 7%O2 | 1.75e-3 lbs/hr | 7%O2 |
| Antimony | 353C2R3 | | 2.19e+1 ug/dscm 7%O2 | 1.91e-3 lbs/hr | 7%O2 |
| Antimony | 353C2R4 | | 1.81e+1 ug/dscm 7%O2 | 1.75e-3 lbs/hr | 7%O2 |
| Arsenic | 353C1R1 | ND | 6.24e+0 ug/dscm 7%O2 | 4.76e-4 lbs/hr | 7%O2 |
| Arsenic | 353C1R2 | ND | 1.02e+1 ug/dscm 7%O2 | 7.94e-4 lbs/hr | 7%O2 |
| Arsenic | 353C1R3 | ND | 1.05e+1 ug/dscm 7%O2 | 7.94e-4 lbs/hr | 7%O2 |
| Arsenic | 353C1R4 | ND | 1.09e+1 ug/dscm 7%O2 | 7.94e-4 lbs/hr | 7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Arsenic | 353C2R1 | | 1.54e+0 | ug/dscm | 7%O2 | 1.27e-4 | lbs/hr | 7%O2 |
| Arsenic | 353C2R2 | | 2.45e+0 | ug/dscm | 7%O2 | 2.30e-4 | lbs/hr | 7%O2 |
| Arsenic | 353C2R3 | | 2.19e+0 | ug/dscm | 7%O2 | 1.83e-5 | lbs/hr | 7%O2 |
| Arsenic | 353C2R4 | | 1.94e+0 | ug/dscm | 7%O2 | 1.91e-4 | lbs/hr | 7%O2 |
| Barium | 353C1R1 | | 5.48e+0 | ug/dscm | 7%O2 | 4.37e-4 | lbs/hr | 7%O2 |
| Barium | 353C1R2 | | 1.13e+1 | ug/dscm | 7%O2 | 9.53e-4 | lbs/hr | 7%O2 |
| Barium | 353C1R3 | ND | 1.05e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Barium | 353C1R4 | | 1.57e+1 | ug/dscm | 7%O2 | 1.35e-3 | lbs/hr | 7%O2 |
| Barium | 353C2R1 | ND | 1.25e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Barium | 353C2R2 | | 2.17e+1 | ug/dscm | 7%O2 | 1.98e-3 | lbs/hr | 7%O2 |
| Barium | 353C2R3 | | 3.06e+0 | ug/dscm | 7%O2 | 2.62e-4 | lbs/hr | 7%O2 |
| Barium | 353C2R4 | | 9.33e+0 | ug/dscm | 7%O2 | 8.73e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C1R1 | ND | 6.24e+0 | ug/dscm | 7%O2 | 4.76e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C1R2 | ND | 1.02e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C1R3 | ND | 1.05e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C1R4 | ND | 1.09e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C2R1 | ND | 1.25e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C2R2 | ND | 1.10e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Beryllium | 353C2R3 | ND | 1.60e+1 | ug/dscm | 7%O2 | 1.59e-3 | lbs/hr | 7%O2 |
| Beryllium | 353C2R4 | ND | 1.30e+1 | ug/dscm | 7%O2 | 1.59e-3 | lbs/hr | 7%O2 |
| Cadmium | 353C1R1 | ND | 6.24e+0 | ug/dscm | 7%O2 | 4.76e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C1R2 | ND | 1.02e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C1R3 | ND | 1.05e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C1R4 | ND | 1.09e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C2R1 | | 4.92e+0 | ug/dscm | 7%O2 | 4.05e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C2R2 | | 8.29e+0 | ug/dscm | 7%O2 | 7.62e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C2R3 | | 5.54e+0 | ug/dscm | 7%O2 | 4.76e-4 | lbs/hr | 7%O2 |
| Cadmium | 353C2R4 | | 5.06e+0 | ug/dscm | 7%O2 | 4.76e-4 | lbs/hr | 7%O2 |
| Chromium | 353C1R1 | ND | 6.24e+0 | ug/dscm | 7%O2 | 4.76e-4 | lbs/hr | 7%O2 |
| Chromium | 353C1R2 | ND | 1.02e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Chromium | 353C1R3 | ND | 1.05e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Chromium | 353C1R4 | ND | 1.09e+1 | ug/dscm | 7%O2 | 7.94e-4 | lbs/hr | 7%O2 |
| Chromium | 353C2R1 | | 9.23e+2 | ug/dscm | 7%O2 | 7.38e-2 | lbs/hr | 7%O2 |
| Chromium | 353C2R2 | | 5.17e+0 | ug/dscm | 7%O2 | 4.68e-4 | lbs/hr | 7%O2 |
| Chromium | 353C2R3 | | 3.35e+2 | ug/dscm | 7%O2 | 2.86e-2 | lbs/hr | 7%O2 |
| Chromium | 353C2R4 | | 6.48e+0 | ug/dscm | 7%O2 | 6.11e-4 | lbs/hr | 7%O2 |
| Lead | 353C1R1 | | 2.89e+0 | ug/dscm | 7%O2 | 2.30e-4 | lbs/hr | 7%O2 |
| Lead | 353C1R2 | | 1.98e+0 | ug/dscm | 7%O2 | 1.67e-4 | lbs/hr | 7%O2 |
| Lead | 353C1R3 | | 4.40e-1 | ug/dscm | 7%O2 | 1.11e-4 | lbs/hr | 7%O2 |
| Lead | 353C1R4 | | 1.27e+0 | ug/dscm | 7%O2 | 1.11e-4 | lbs/hr | 7%O2 |
| Lead | 353C2R1 | | 1.23e+2 | ug/dscm | 7%O2 | 1.03e-2 | lbs/hr | 7%O2 |
| Lead | 353C2R2 | | 3.26e+2 | ug/dscm | 7%O2 | 3.02e-2 | lbs/hr | 7%O2 |
| Lead | 353C2R3 | | 1.60e+2 | ug/dscm | 7%O2 | 1.43e-2 | lbs/hr | 7%O2 |
| Lead | 353C2R4 | | 2.07e+2 | ug/dscm | 7%O2 | 1.91e-2 | lbs/hr | 7%O2 |
| Mercury | 353C1R1 | | 1.14e+0 | ug/dscm | 7%O2 | 9.53e-5 | lbs/hr | 7%O2 |
| Mercury | 353C1R2 | | 1.70e+0 | ug/dscm | 7%O2 | 1.43e-4 | lbs/hr | 7%O2 |
| Mercury | 353C1R3 | | 5.33e+0 | ug/dscm | 7%O2 | 1.59e-4 | lbs/hr | 7%O2 |
| Mercury | 353C1R4 | | 1.70e+0 | ug/dscm | 7%O2 | 1.59e-4 | lbs/hr | 7%O2 |
| Mercury | 353C2R1 | | 6.77e+0 | ug/dscm | 7%O2 | 5.40e-4 | lbs/hr | 7%O2 |
| Mercury | 353C2R2 | | 7.88e+0 | ug/dscm | 7%O2 | 7.23e-4 | lbs/hr | 7%O2 |
| Mercury | 353C2R3 | | 5.98e+0 | ug/dscm | 7%O2 | 5.08e-4 | lbs/hr | 7%O2 |
| Mercury | 353C2R4 | | 5.44e+0 | ug/dscm | 7%O2 | 5.16e-4 | lbs/hr | 7%O2 |
| Thallium | 353C1R1 | ND | 1.25e+0 | ug/dscm | 7%O2 | 7.94e-5 | lbs/hr | 7%O2 |
| Thallium | 353C1R2 | ND | 1.98e+0 | ug/dscm | 7%O2 | 1.75e-4 | lbs/hr | 7%O2 |
| Thallium | 353C1R3 | ND | 2.13e+0 | ug/dscm | 7%O2 | 2.38e-4 | lbs/hr | 7%O2 |
| Thallium | 353C1R4 | ND | 2.22e+0 | ug/dscm | 7%O2 | 2.38e-4 | lbs/hr | 7%O2 |
| Thallium | 353C2R1 | | 2.15e-1 | ug/dscm | 7%O2 | 1.75e-5 | lbs/hr | 7%O2 |
| Thallium | 353C2R2 | | 1.90e-1 | ug/dscm | 7%O2 | 1.67e-5 | lbs/hr | 7%O2 |
| Thallium | 353C2R3 | | 1.75e-1 | ug/dscm | 7%O2 | 1.51e-5 | lbs/hr | 7%O2 |
| Thallium | 353C2R4 | | 1.43e-1 | ug/dscm | 7%O2 | 1.35e-5 | lbs/hr | 7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 353C1R1 | 1.14e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C1R2 | 1.02e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C1R3 | 5.16e-3 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C1R4 | 6.68e-3 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C2R1 | 1.33e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C2R2 | 9.60e-3 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C2R3 | 1.15e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C2R4 | 1.01e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C3R1 | 4.58e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C3R2 | 4.49e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 353C3R3 | 4.92e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 353C1R1 | 1.07e+1 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C1R2 | 9.90e+0 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C1R3 | 1.33e+1 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C1R4 | 6.55e+0 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C2R1 | 1.85e+1 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C2R2 | 1.63e+1 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C2R3 | 2.04e+1 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C2R4 | 1.04e+1 | ppmv | 7%O2 | 0.00e+0 | | 7%O2 |
| CO | 353C3R1 | 1.90e+1 | ppmv | | 0.00e+0 | | |
| CO | 353C3R2 | 2.00e+1 | ppmv | | 0.00e+0 | | |
| CO | 353C3R3 | 2.10e+1 | ppmv | | 0.00e+0 | | |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 353C1R1 | | 0.00e+0 | | 1.70e-4 | lbs/hr | |
| Carbon Tetrachloride | 353C1R2 | ND | 0.00e+0 | | 1.20e-4 | lbs/hr | |
| Carbon Tetrachloride | 353C1R3 | | 0.00e+0 | | 1.70e-4 | lbs/hr | |
| Carbon Tetrachloride | 353C1R4 | | 0.00e+0 | | 5.20e-4 | lbs/hr | |
| Carbon Tetrachloride | 353C2R1 | | 0.00e+0 | | 4.10e-3 | lbs/hr | |
| Carbon Tetrachloride | 353C2R2 | | 0.00e+0 | | 2.60e-3 | lbs/hr | |
| Carbon Tetrachloride | 353C2R3 | | 0.00e+0 | | 3.20e-3 | lbs/hr | |
| Carbon Tetrachloride | 353C2R4 | | 0.00e+0 | | 5.60e-3 | lbs/hr | |
| Chlorobenzene | 353C1R1 | ND | 0.00e+0 | | 2.50e-4 | lbs/hr | |
| Chlorobenzene | 353C1R2 | ND | 0.00e+0 | | 2.50e-4 | lbs/hr | |
| Chlorobenzene | 353C1R3 | | 0.00e+0 | | 4.70e-4 | lbs/hr | |
| Chlorobenzene | 353C1R4 | | 0.00e+0 | | 1.50e-3 | lbs/hr | |
| Chlorobenzene | 353C2R1 | | 0.00e+0 | | 4.60e-4 | lbs/hr | |
| Chlorobenzene | 353C2R2 | | 0.00e+0 | | 3.30e-4 | lbs/hr | |
| Chlorobenzene | 353C2R3 | ND | 0.00e+0 | | 2.60e-4 | lbs/hr | |
| Chlorobenzene | 353C2R4 | ND | 0.00e+0 | | 2.60e-4 | lbs/hr | |

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

5. Type: CONTROLLED

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

7. Category: Dioxin & Furan

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| 4D 2378 | 354C2R1 | | 2.26e-3 | ng/dscm 7%O2 | 1.52e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 354C2R2 | | 2.20e-3 | ng/dscm 7%O2 | 1.52e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 354C2R3 | | 3.25e-3 | ng/dscm 7%O2 | 2.11e-10 | lbs/hr | CE7%O2 |
| 4D 2378 | 354C2R4 | | 6.59e-3 | ng/dscm 7%O2 | 4.39e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 354C2R1 | | 2.69e-3 | ng/dscm 7%O2 | 1.80e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 354C2R2 | | 1.65e-3 | ng/dscm 7%O2 | 1.14e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 354C2R3 | | 3.11e-3 | ng/dscm 7%O2 | 2.02e-10 | lbs/hr | CE7%O2 |
| 4F 2378 | 354C2R4 | | 4.80e-3 | ng/dscm 7%O2 | 3.20e-10 | lbs/hr | CE7%O2 |
| 5D 12378 | 354C2R1 | | 1.56e-3 | ng/dscm 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 5D 12378 | 354C2R2 | ND | 9.61e-4 | ng/dscm 7%O2 | 6.64e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 354C2R3 | ND | 1.13e-3 | ng/dscm 7%O2 | 7.35e-11 | lbs/hr | CE7%O2 |
| 5D 12378 | 354C2R4 | | 6.04e-3 | ng/dscm 7%O2 | 4.03e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 354C2R1 | | 6.08e-3 | ng/dscm 7%O2 | 4.08e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 354C2R2 | | 2.47e-3 | ng/dscm 7%O2 | 1.71e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 354C2R3 | ND | 2.55e-3 | ng/dscm 7%O2 | 1.65e-10 | lbs/hr | CE7%O2 |
| 5F 12378 | 354C2R4 | | 9.33e-3 | ng/dscm 7%O2 | 6.22e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 354C2R1 | | 3.11e-3 | ng/dscm 7%O2 | 2.09e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 354C2R2 | | 2.06e-3 | ng/dscm 7%O2 | 1.42e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 354C2R3 | | 2.40e-3 | ng/dscm 7%O2 | 1.56e-10 | lbs/hr | CE7%O2 |
| 5F 23478 | 354C2R4 | | 5.63e-3 | ng/dscm 7%O2 | 3.75e-10 | lbs/hr | CE7%O2 |
| 6D 123478/678 | 354C2R1 | | 2.26e-3 | ng/dscm 7%O2 | 1.52e-10 | lbs/hr | CE7%O2 |
| 6D 123478/678 | 354C2R2 | | 1.51e-3 | ng/dscm 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 6D 123478/678 | 354C2R3 | ND | 1.56e-3 | ng/dscm 7%O2 | 1.01e-10 | lbs/hr | CE7%O2 |
| 6D 123478/678 | 354C2R4 | | 5.22e-3 | ng/dscm 7%O2 | 3.48e-10 | lbs/hr | CE7%O2 |
| 6D 123789 | 354C2R1 | | 1.41e-3 | ng/dscm 7%O2 | 9.49e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 354C2R2 | ND | 1.10e-3 | ng/dscm 7%O2 | 7.59e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 354C2R3 | ND | 1.13e-3 | ng/dscm 7%O2 | 7.35e-11 | lbs/hr | CE7%O2 |
| 6D 123789 | 354C2R4 | ND | 2.75e-3 | ng/dscm 7%O2 | 1.83e-10 | lbs/hr | CE7%O2 |
| 6F 123478/678 | 354C2R1 | | 1.30e-2 | ng/dscm 7%O2 | 8.73e-10 | lbs/hr | CE7%O2 |
| 6F 123478/678 | 354C2R2 | | 6.59e-3 | ng/dscm 7%O2 | 4.55e-10 | lbs/hr | CE7%O2 |
| 6F 123478/678 | 354C2R3 | | 4.38e-3 | ng/dscm 7%O2 | 2.85e-10 | lbs/hr | CE7%O2 |
| 6F 123478/678 | 354C2R4 | | 1.07e-2 | ng/dscm 7%O2 | 7.14e-10 | lbs/hr | CE7%O2 |
| 6F 123789 | 354C2R1 | | 3.11e-3 | ng/dscm 7%O2 | 2.09e-10 | lbs/hr | CE7%O2 |
| 6F 123789 | 354C2R2 | | 1.51e-3 | ng/dscm 7%O2 | 1.04e-10 | lbs/hr | CE7%O2 |
| 6F 123789 | 354C2R3 | ND | 8.48e-4 | ng/dscm 7%O2 | 5.51e-11 | lbs/hr | CE7%O2 |
| 6F 123789 | 354C2R4 | ND | 1.10e-3 | ng/dscm 7%O2 | 7.32e-11 | lbs/hr | CE7%O2 |
| 6F 234678 | 354C2R1 | ND | 2.40e-3 | ng/dscm 7%O2 | 1.61e-10 | lbs/hr | CE7%O2 |
| 6F 234678 | 354C2R2 | | 1.78e-3 | ng/dscm 7%O2 | 1.23e-10 | lbs/hr | CE7%O2 |
| 6F 234678 | 354C2R3 | | 1.13e-3 | ng/dscm 7%O2 | 7.35e-11 | lbs/hr | CE7%O2 |
| 6F 234678 | 354C2R4 | | 3.84e-3 | ng/dscm 7%O2 | 2.56e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 354C2R1 | | 2.39e-2 | ng/dscm 7%O2 | 1.60e-9 | lbs/hr | CE7%O2 |
| 7D 1234678 | 354C2R2 | | 1.62e-2 | ng/dscm 7%O2 | 1.12e-9 | lbs/hr | CE7%O2 |
| 7D 1234678 | 354C2R3 | | 1.15e-2 | ng/dscm 7%O2 | 7.44e-10 | lbs/hr | CE7%O2 |
| 7D 1234678 | 354C2R4 | | 3.51e-2 | ng/dscm 7%O2 | 2.34e-9 | lbs/hr | CE7%O2 |
| 7F 1234678 | 354C2R1 | | 2.47e-2 | ng/dscm 7%O2 | 1.66e-9 | lbs/hr | CE7%O2 |
| 7F 1234678 | 354C2R2 | | 1.07e-2 | ng/dscm 7%O2 | 7.40e-10 | lbs/hr | CE7%O2 |
| 7F 1234678 | 354C2R3 | | 5.37e-3 | ng/dscm 7%O2 | 3.49e-10 | lbs/hr | CE7%O2 |
| 7F 1234678 | 354C2R4 | | 1.76e-2 | ng/dscm 7%O2 | 1.17e-9 | lbs/hr | CE7%O2 |
| 7F 1234789 | 354C2R1 | | 4.81e-3 | ng/dscm 7%O2 | 3.23e-10 | lbs/hr | CE7%O2 |
| 7F 1234789 | 354C2R2 | | 2.06e-3 | ng/dscm 7%O2 | 1.42e-10 | lbs/hr | CE7%O2 |
| 7F 1234789 | 354C2R3 | ND | 1.13e-3 | ng/dscm 7%O2 | 7.35e-11 | lbs/hr | CE7%O2 |
| 7F 1234789 | 354C2R4 | ND | 1.65e-3 | ng/dscm 7%O2 | 1.10e-10 | lbs/hr | CE7%O2 |
| 8D | 354C2R1 | | 1.09e-1 | ng/dscm 7%O2 | 7.32e-9 | lbs/hr | CE7%O2 |
| 8D | 354C2R2 | | 9.59e-2 | ng/dscm 7%O2 | 6.63e-9 | lbs/hr | CE7%O2 |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 8D | 354C2R3 | 7.13e-2 | ng/dscm | 7%O2 | 4.63e-9 | lbs/hr | CE7%O2 |
| 8D | 354C2R4 | 1.50e-1 | ng/dscm | 7%O2 | 9.97e-9 | lbs/hr | CE7%O2 |
| 8F | 354C2R1 | 2.63e-2 | ng/dscm | 7%O2 | 1.76e-9 | lbs/hr | CE7%O2 |
| 8F | 354C2R2 | 1.58e-2 | ng/dscm | 7%O2 | 1.09e-9 | lbs/hr | CE7%O2 |
| 8F | 354C2R3 | 1.05e-2 | ng/dscm | 7%O2 | 6.80e-10 | lbs/hr | CE7%O2 |
| 8F | 354C2R4 | 2.13e-2 | ng/dscm | 7%O2 | 1.42e-9 | lbs/hr | CE7%O2 |
| TEQ | 354C2R1 | 8.06e-3 | ng/dscm | 7%O2 | 5.41e-10 | lbs/hr | CCET |
| TEQ | 354C2R2 | 5.64e-3 | ng/dscm | 7%O2 | 3.90e-10 | lbs/hr | CCET |
| TEQ | 354C2R3 | 6.62e-3 | ng/dscm | 7%O2 | 4.30e-10 | lbs/hr | CCET |
| TEQ | 354C2R4 | 1.64e-2 | ng/dscm | 7%O2 | 1.10e-9 | lbs/hr | CCET |

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Chlorine | 354C1R1 | 1.81e+0 | ppmv | 7%O2 | 3.27e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C1R2 | 1.31e+0 | ppmv | 7%O2 | 2.40e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C1R3 | 5.39e+0 | ppmv | 7%O2 | 9.28e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C1R4 | 4.65e+0 | ppmv | 7%O2 | 8.44e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C2R1 | 1.10e+0 | ppmv | 7%O2 | 2.16e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C2R2 | 9.06e-1 | ppmv | 7%O2 | 1.84e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C2R3 | 1.04e+0 | ppmv | 7%O2 | 1.99e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C2R4 | 1.03e+0 | ppmv | 7%O2 | 2.02e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C3R1 | 5.62e-2 | ppmv | 7%O2 | 1.04e-2 | lbs/hr | CC7%O2 |
| Chlorine | 354C3R2 | 6.72e-2 | ppmv | 7%O2 | 1.33e-2 | lbs/hr | CC7%O2 |
| Chlorine | 354C3R3 | 9.26e-2 | ppmv | 7%O2 | 1.73e-2 | lbs/hr | CC7%O2 |
| Chlorine | 354C3R4 | 8.18e-2 | ppmv | 7%O2 | 1.52e-2 | lbs/hr | CC7%O2 |
| Chlorine | 354C4R1 | 4.72e-1 | ppmv | 7%O2 | 8.85e-2 | lbs/hr | CC7%O2 |
| Chlorine | 354C4R2 | 3.23e-1 | ppmv | 7%O2 | 6.23e-2 | lbs/hr | CC7%O2 |
| Chlorine | 354C4R3 | 7.63e-1 | ppmv | 7%O2 | 1.51e-1 | lbs/hr | CC7%O2 |
| Chlorine | 354C4R4 | 4.48e-2 | ppmv | 7%O2 | 9.15e-3 | lbs/hr | CC7%O2 |
| Chlorine | 354C4R5 | 1.02e-1 | ppmv | 7%O2 | 2.06e-2 | lbs/hr | CC7%O2 |
| HCl | 354C1R1 | 1.49e+0 | ppmv | 7%O2 | 1.38e-1 | lbs/hr | CC7%O2 |
| HCl | 354C1R2 | 1.67e+0 | ppmv | 7%O2 | 1.57e-1 | lbs/hr | CC7%O2 |
| HCl | 354C1R3 | 6.55e-1 | ppmv | 7%O2 | 5.80e-2 | lbs/hr | CC7%O2 |
| HCl | 354C1R4 | 6.86e-1 | ppmv | 7%O2 | 6.40e-2 | lbs/hr | CC7%O2 |
| HCl | 354C2R1 | 3.45e-1 | ppmv | 7%O2 | 3.50e-2 | lbs/hr | CC7%O2 |
| HCl | 354C2R2 | 3.26e-1 | ppmv | 7%O2 | 3.40e-2 | lbs/hr | CC7%O2 |
| HCl | 354C2R3 | 3.57e-1 | ppmv | 7%O2 | 3.50e-2 | lbs/hr | CC7%O2 |
| HCl | 354C2R4 | 3.28e-1 | ppmv | 7%O2 | 3.30e-2 | lbs/hr | CC7%O2 |
| HCl | 354C3R1 | 2.31e-1 | ppmv | 7%O2 | 2.20e-2 | lbs/hr | CC7%O2 |
| HCl | 354C3R2 | 1.87e-1 | ppmv | 7%O2 | 1.90e-2 | lbs/hr | CC7%O2 |
| HCl | 354C3R3 | 2.08e-1 | ppmv | 7%O2 | 2.00e-2 | lbs/hr | CC7%O2 |
| HCl | 354C3R4 | 2.09e-1 | ppmv | 7%O2 | 2.00e-2 | lbs/hr | CC7%O2 |
| HCl | 354C4R1 | 7.88e-1 | ppmv | 7%O2 | 7.60e-2 | lbs/hr | CC7%O2 |
| HCl | 354C4R2 | 7.67e-1 | ppmv | 7%O2 | 7.60e-2 | lbs/hr | CC7%O2 |
| HCl | 354C4R3 | 7.18e-1 | ppmv | 7%O2 | 7.30e-2 | lbs/hr | CC7%O2 |
| HCl | 354C4R4 | 4.96e-1 | ppmv | 7%O2 | 5.20e-2 | lbs/hr | CC7%O2 |
| HCl | 354C4R5 | 5.13e-1 | ppmv | 7%O2 | 5.30e-2 | lbs/hr | CC7%O2 |

7. Category: Metals

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Antimony | 354C1R1 | ND | 4.79e+0 | ug/dscm | 7%O2 | 2.94e-4 | lbs/hr | CC7%O2 |
| Antimony | 354C1R2 | ND | 4.72e+0 | ug/dscm | 7%O2 | 2.94e-4 | lbs/hr | CC7%O2 |
| Antimony | 354C1R3 | ND | 4.74e+0 | ug/dscm | 7%O2 | 2.78e-4 | lbs/hr | CC7%O2 |
| Antimony | 354C1R4 | ND | 4.50e+0 | ug/dscm | 7%O2 | 2.78e-4 | lbs/hr | CC7%O2 |
| Arsenic | 354C1R1 | ND | 4.79e+0 | ug/dscm | 7%O2 | 2.94e-4 | lbs/hr | CC7%O2 |
| Arsenic | 354C1R2 | ND | 4.72e+0 | ug/dscm | 7%O2 | 2.94e-4 | lbs/hr | CC7%O2 |
| Arsenic | 354C1R3 | ND | 4.74e+0 | ug/dscm | 7%O2 | 2.78e-4 | lbs/hr | CC7%O2 |
| Arsenic | 354C1R4 | ND | 4.50e+0 | ug/dscm | 7%O2 | 2.78e-4 | lbs/hr | CC7%O2 |
| Barium | 354C1R1 | ND | 2.72e-1 | ug/dscm | 7%O2 | 1.67e-5 | lbs/hr | CC7%O2 |

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Barium | 354C1R2 | ND | 2.68e-1 | ug/dscm | 7%O2 | 1.67e-5 | lbs/hr | CC7%O2 |
| Barium | 354C1R3 | ND | 2.71e-1 | ug/dscm | 7%O2 | 1.59e-5 | lbs/hr | CC7%O2 |
| Barium | 354C1R4 | | 3.09e-1 | ug/dscm | 7%O2 | 1.91e-5 | lbs/hr | CC7%O2 |
| Cadmium | 354C1R1 | ND | 3.37e-1 | ug/dscm | 7%O2 | 2.06e-5 | lbs/hr | CC7%O2 |
| Cadmium | 354C1R2 | ND | 3.32e-1 | ug/dscm | 7%O2 | 2.06e-5 | lbs/hr | CC7%O2 |
| Cadmium | 354C1R3 | ND | 3.39e-1 | ug/dscm | 7%O2 | 1.99e-5 | lbs/hr | CC7%O2 |
| Cadmium | 354C1R4 | ND | 3.22e-1 | ug/dscm | 7%O2 | 1.99e-5 | lbs/hr | CC7%O2 |
| Chromium | 354C1R1 | ND | 5.44e-1 | ug/dscm | 7%O2 | 3.33e-5 | lbs/hr | CC7%O2 |
| Chromium | 354C1R2 | ND | 5.36e-1 | ug/dscm | 7%O2 | 3.33e-5 | lbs/hr | CC7%O2 |
| Chromium | 354C1R3 | ND | 5.42e-1 | ug/dscm | 7%O2 | 3.18e-5 | lbs/hr | CC7%O2 |
| Chromium | 354C1R4 | ND | 5.15e-1 | ug/dscm | 7%O2 | 3.18e-5 | lbs/hr | CC7%O2 |
| Lead | 354C1R1 | | 2.72e+0 | ug/dscm | 7%O2 | 1.67e-4 | lbs/hr | CC7%O2 |
| Lead | 354C1R2 | ND | 2.04e+0 | ug/dscm | 7%O2 | 1.27e-4 | lbs/hr | CC7%O2 |
| Lead | 354C1R3 | ND | 2.03e+0 | ug/dscm | 7%O2 | 1.19e-4 | lbs/hr | CC7%O2 |
| Lead | 354C1R4 | | 1.93e+0 | ug/dscm | 7%O2 | 1.19e-4 | lbs/hr | CC7%O2 |
| Mercury | 354C1R1 | | 1.09e+0 | ug/dscm | 7%O2 | 6.67e-5 | lbs/hr | CC7%O2 |
| Mercury | 354C1R2 | | 3.44e+0 | ug/dscm | 7%O2 | 2.14e-4 | lbs/hr | CC7%O2 |
| Mercury | 354C1R3 | ND | 5.83e-1 | ug/dscm | 7%O2 | 3.41e-5 | lbs/hr | CC7%O2 |
| Mercury | 354C1R4 | ND | 5.53e-1 | ug/dscm | 7%O2 | 3.41e-5 | lbs/hr | CC7%O2 |
| Silver | 354C1R1 | ND | 1.30e+0 | ug/dscm | 7%O2 | 7.94e-5 | lbs/hr | CC7%O2 |
| Silver | 354C1R2 | ND | 1.28e+0 | ug/dscm | 7%O2 | 7.94e-5 | lbs/hr | CC7%O2 |
| Silver | 354C1R3 | ND | 1.36e+0 | ug/dscm | 7%O2 | 7.94e-5 | lbs/hr | CC7%O2 |
| Silver | 354C1R4 | ND | 1.29e+0 | ug/dscm | 7%O2 | 7.94e-5 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 354C1R1 | 2.00e-4 | gr/dscf | 7%O2 | 2.81e-2 | lbs/hr | CE |
| Particulate | 354C1R2 | 1.20e-3 | gr/dscf | 7%O2 | 1.71e-1 | lbs/hr | CE |
| Particulate | 354C1R3 | 1.00e-4 | gr/dscf | 7%O2 | 1.34e-2 | lbs/hr | CE |
| Particulate | 354C2R1 | 1.80e-3 | gr/dscf | 7%O2 | 2.76e-1 | lbs/hr | CE |
| Particulate | 354C2R2 | 7.00e-4 | gr/dscf | 7%O2 | 1.11e-1 | lbs/hr | CE |
| Particulate | 354C2R3 | 5.80e-4 | gr/dscf | 7%O2 | 8.63e-2 | lbs/hr | CE |
| Particulate | 354C2R4 | 3.80e-4 | gr/dscf | 7%O2 | 5.80e-2 | lbs/hr | CE |
| Particulate | 354C3R1 | 1.10e-3 | gr/dscf | 7%O2 | 1.59e-1 | lbs/hr | CE |
| Particulate | 354C3R2 | 1.70e-3 | gr/dscf | 7%O2 | 2.62e-1 | lbs/hr | CE |
| Particulate | 354C3R3 | 1.70e-3 | gr/dscf | 7%O2 | 2.47e-1 | lbs/hr | CE |
| Particulate | 354C3R4 | 1.10e-3 | gr/dscf | 7%O2 | 1.59e-1 | lbs/hr | CE |
| Particulate | 354C4R1 | 3.66e-2 | gr/dscf | 7%O2 | 5.35e+0 | lbs/hr | CE |
| Particulate | 354C4R2 | 3.30e-2 | gr/dscf | 7%O2 | 4.95e+0 | lbs/hr | CE |
| Particulate | 354C4R3 | 2.26e-2 | gr/dscf | 7%O2 | 3.49e+0 | lbs/hr | CE |
| Particulate | 354C4R4 | 1.88e-2 | gr/dscf | 7%O2 | 2.99e+0 | lbs/hr | CE |
| Particulate | 354C4R5 | 1.67e-2 | gr/dscf | 7%O2 | 2.62e+0 | lbs/hr | CE |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 354C1R1 | 3.05e+0 | ppmv | 7%O2 | 2.17e-1 | lbs/hr | CE7%O2 |
| CO | 354C1R2 | 2.95e+0 | ppmv | 7%O2 | 2.13e-1 | lbs/hr | CE7%O2 |
| CO | 354C1R3 | 3.15e+0 | ppmv | 7%O2 | 2.14e-1 | lbs/hr | CE7%O2 |
| CO | 354C1R4 | 3.01e+0 | ppmv | 7%O2 | 2.16e-1 | lbs/hr | CE7%O2 |
| CO | 354C2R1 | 2.83e+0 | ppmv | 7%O2 | 2.20e-1 | lbs/hr | CE7%O2 |
| CO | 354C2R2 | 1.37e+0 | ppmv | 7%O2 | 1.10e-1 | lbs/hr | CE7%O2 |
| CO | 354C2R3 | 2.83e+0 | ppmv | 7%O2 | 2.13e-1 | lbs/hr | CE7%O2 |
| CO | 354C2R4 | 4.12e+0 | ppmv | 7%O2 | 3.19e-1 | lbs/hr | CE7%O2 |
| CO | 354C3R1 | 4.52e+0 | ppmv | 7%O2 | 3.31e-1 | lbs/hr | CE7%O2 |
| CO | 354C3R2 | 4.38e+0 | ppmv | 7%O2 | 3.42e-1 | lbs/hr | CE7%O2 |
| CO | 354C3R3 | 1.52e+1 | ppmv | 7%O2 | 1.12e+0 | lbs/hr | CE7%O2 |
| CO | 354C3R4 | 1.51e+0 | ppmv | 7%O2 | 1.11e-1 | lbs/hr | CE7%O2 |
| CO | 354C4R1 | 1.52e+0 | ppmv | 7%O2 | 1.13e-1 | lbs/hr | CE7%O2 |
| CO | 354C4R2 | 1.54e+0 | ppmv | 7%O2 | 1.17e-1 | lbs/hr | CE7%O2 |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| CO | 354C4R3 | 2.83e+0 | ppmv | 7%O2 | 2.21e-1 | lbs/hr | CE7%O2 |
| CO | 354C4R4 | 1.41e+0 | ppmv | 7%O2 | 1.14e-1 | lbs/hr | CE7%O2 |
| CO | 354C4R5 | 1.39e+0 | ppmv | 7%O2 | 1.10e-1 | lbs/hr | CE7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| HCl | 600C1R1 | | 2.81e-1 | ppmv 7%O2 | 2.00e-2 | lbs/hr | 7%O2 |
| HCl | 600C1R2 | | 7.63e-1 | ppmv 7%O2 | 7.00e-2 | lbs/hr | 7%O2 |
| HCl | 600C1R3 | | 3.35e-1 | ppmv 7%O2 | 3.00e-2 | lbs/hr | 7%O2 |
| HCl | 600C2R1 | | 2.03e+0 | ppmv 7%O2 | 2.20e-1 | lbs/hr | 7%O2 |
| HCl | 600C2R2 | | 2.01e+0 | ppmv 7%O2 | 2.10e-1 | lbs/hr | 7%O2 |
| HCl | 600C2R3 | | 7.09e-1 | ppmv 7%O2 | 8.00e-2 | lbs/hr | 7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 600C1R1 | | 1.20e-2 | gr/dscf 7%O2 | 1.40e+0 | lbs/hr | CE |
| Particulate | 600C1R2 | | 1.10e-2 | gr/dscf 7%O2 | 1.41e+0 | lbs/hr | CE |
| Particulate | 600C1R3 | | 8.00e-3 | gr/dscf 7%O2 | 9.83e-1 | lbs/hr | CE |
| Particulate | 600C2R1 | | 4.00e-3 | gr/dscf 7%O2 | 6.72e-1 | lbs/hr | CE |
| Particulate | 600C2R2 | | 6.00e-3 | gr/dscf 7%O2 | 9.57e-1 | lbs/hr | CE |
| Particulate | 600C2R3 | | 4.00e-3 | gr/dscf 7%O2 | 6.91e-1 | lbs/hr | CE |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethane | 600C1R1 | ND | 5.19e+3 | ng/dscm 7%O2 | 2.65e-4 | lbs/hr | CC7%O2 |
| 1,1-Dichloroethane | 600C1R2 | ND | 2.36e+3 | ng/dscm 7%O2 | 1.32e-4 | lbs/hr | CC7%O2 |
| 1,1-Dichloroethane | 600C1R3 | ND | 4.93e+3 | ng/dscm 7%O2 | 2.65e-4 | lbs/hr | CC7%O2 |
| 1,1-Dichloroethane | 600C2R1 | ND | 3.61e+3 | ng/dscm 7%O2 | 2.65e-4 | lbs/hr | CC7%O2 |
| 1,1-Dichloroethane | 600C2R2 | ND | 5.71e+3 | ng/dscm 7%O2 | 3.97e-4 | lbs/hr | CC7%O2 |
| 1,1-Dichloroethane | 600C2R3 | ND | 3.51e+3 | ng/dscm 7%O2 | 2.65e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 600C1R1 | | 1.19e+4 | ng/dscm 7%O2 | 6.61e-4 | lbs/hr | 7%O2 |
| Carbon Tetrachloride | 600C1R2 | | 6.43e+3 | ng/dscm 7%O2 | 3.97e-4 | lbs/hr | 7%O2 |
| Carbon Tetrachloride | 600C1R3 | | 9.54e+3 | ng/dscm 7%O2 | 5.29e-4 | lbs/hr | 7%O2 |
| Carbon Tetrachloride | 600C2R1 | | 5.84e+4 | ng/dscm 7%O2 | 4.23e-3 | lbs/hr | 7%O2 |
| Carbon Tetrachloride | 600C2R2 | | 5.70e+4 | ng/dscm 7%O2 | 3.97e-3 | lbs/hr | 7%O2 |
| Carbon Tetrachloride | 600C2R3 | | 4.44e+4 | ng/dscm 7%O2 | 3.31e-3 | lbs/hr | 7%O2 |
| Trichlorofluoromethane | 600C1R1 | | 1.30e+4 | ng/dscm 7%O2 | 6.61e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoromethane | 600C1R2 | | 9.43e+3 | ng/dscm 7%O2 | 5.29e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoromethane | 600C1R3 | | 9.87e+3 | ng/dscm 7%O2 | 5.29e-4 | lbs/hr | CC7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

6. Description: EMISSIONS Process Group: FIXED HEARTH Location: STACK Phase: GAS

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Chlorine | 700C1R1 | | 1.94e-1 | ppmv | 7%O2 | 2.25e-2 | lbs/hr | CC7%O2 |
| Chlorine | 700C1R2 | | 9.80e-2 | ppmv | 7%O2 | 1.06e-2 | lbs/hr | CC7%O2 |
| Chlorine | 700C1R3 | | 4.01e-1 | ppmv | 7%O2 | 4.23e-2 | lbs/hr | CC7%O2 |
| Chlorine | 700C2R1 | ND | 5.01e-2 | ppmv | 7%O2 | 5.29e-3 | lbs/hr | CC7%O2 |
| Chlorine | 700C2R2 | ND | 4.70e-2 | ppmv | 7%O2 | 5.29e-3 | lbs/hr | CC7%O2 |
| Chlorine | 700C2R3 | ND | 4.82e-2 | ppmv | 7%O2 | 5.29e-3 | lbs/hr | CC7%O2 |
| HCl | 700C1R1 | | 1.84e+1 | ppmv | 7%O2 | 1.10e+0 | lbs/hr | CC7%O2 |
| HCl | 700C1R2 | | 4.62e+1 | ppmv | 7%O2 | 2.57e+0 | lbs/hr | CC7%O2 |
| HCl | 700C1R3 | | 2.27e+1 | ppmv | 7%O2 | 1.23e+0 | lbs/hr | CC7%O2 |
| HCl | 700C2R1 | | 3.66e+0 | ppmv | 7%O2 | 1.98e-1 | lbs/hr | CC7%O2 |
| HCl | 700C2R2 | | 3.43e+0 | ppmv | 7%O2 | 1.98e-1 | lbs/hr | CC7%O2 |
| HCl | 700C2R3 | | 5.15e+0 | ppmv | 7%O2 | 2.91e-1 | lbs/hr | CC7%O2 |

7. Category: Metals

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Antimony | 700C1R1 | 4 | 3.47e+1 | ug/dscm | 7%O2 | 1.37e-3 | lbs/hr | CE7%O2 |
| Antimony | 700C1R2 | 4 | 7.25e+1 | ug/dscm | 7%O2 | 2.66e-3 | lbs/hr | CE7%O2 |
| Antimony | 700C1R3 | 4 | 4.06e+1 | ug/dscm | 7%O2 | 1.46e-3 | lbs/hr | CE7%O2 |
| Arsenic | 700C1R1 | | 1.81e+2 | ug/dscm | 7%O2 | 7.15e-3 | lbs/hr | CE7%O2 |
| Arsenic | 700C1R2 | | 1.90e+2 | ug/dscm | 7%O2 | 6.99e-3 | lbs/hr | CE7%O2 |
| Arsenic | 700C1R3 | | 1.91e+2 | ug/dscm | 7%O2 | 6.85e-3 | lbs/hr | CE7%O2 |
| Barium | 700C1R1 | | 1.45e+1 | ug/dscm | 7%O2 | 5.74e-4 | lbs/hr | CE7%O2 |
| Barium | 700C1R2 | | 2.83e+1 | ug/dscm | 7%O2 | 1.04e-3 | lbs/hr | CE7%O2 |
| Barium | 700C1R3 | | 1.56e+1 | ug/dscm | 7%O2 | 5.58e-4 | lbs/hr | CE7%O2 |
| Beryllium | 700C1R1 | 4 | 4.12e+1 | ug/dscm | 7%O2 | 1.63e-3 | lbs/hr | CE7%O2 |
| Beryllium | 700C1R2 | 4 | 4.20e+1 | ug/dscm | 7%O2 | 1.54e-3 | lbs/hr | CE7%O2 |
| Beryllium | 700C1R3 | 4 | 5.73e+1 | ug/dscm | 7%O2 | 2.06e-3 | lbs/hr | CE7%O2 |
| Cadmium | 700C1R1 | | 1.69e+2 | ug/dscm | 7%O2 | 6.68e-3 | lbs/hr | CE7%O2 |
| Cadmium | 700C1R2 | | 1.57e+2 | ug/dscm | 7%O2 | 5.78e-3 | lbs/hr | CE7%O2 |
| Cadmium | 700C1R3 | | 1.97e+2 | ug/dscm | 7%O2 | 7.06e-3 | lbs/hr | CE7%O2 |
| Chromium | 700C1R1 | | 4.48e+2 | ug/dscm | 7%O2 | 1.77e-2 | lbs/hr | CE7%O2 |
| Chromium | 700C1R2 | | 3.63e+2 | ug/dscm | 7%O2 | 1.33e-2 | lbs/hr | CE7%O2 |
| Chromium | 700C1R3 | | 5.01e+2 | ug/dscm | 7%O2 | 1.80e-2 | lbs/hr | CE7%O2 |
| Chromium (Hex) | 700C1R1 | | 2.25e+2 | ug/dscm | 7%O2 | 8.87e-3 | lbs/hr | CE7%O2 |
| Chromium (Hex) | 700C1R2 | | 1.55e+2 | ug/dscm | 7%O2 | 5.68e-3 | lbs/hr | CE7%O2 |
| Chromium (Hex) | 700C1R3 | | 2.11e+2 | ug/dscm | 7%O2 | 7.56e-3 | lbs/hr | CE7%O2 |
| Lead | 700C1R1 | | 2.45e+4 | ug/dscm | 7%O2 | 9.66e-1 | lbs/hr | CE7%O2 |
| Lead | 700C1R2 | | 2.55e+4 | ug/dscm | 7%O2 | 9.35e-1 | lbs/hr | CE7%O2 |
| Lead | 700C1R3 | | 3.76e+4 | ug/dscm | 7%O2 | 1.35e+0 | lbs/hr | CE7%O2 |
| Mercury | 700C1R1 | 4 | 4.48e+0 | ug/dscm | 7%O2 | 1.77e-4 | lbs/hr | CE7%O2 |
| Mercury | 700C1R2 | 4 | 5.97e+0 | ug/dscm | 7%O2 | 2.19e-4 | lbs/hr | CE7%O2 |
| Mercury | 700C1R3 | 4 | 3.62e+0 | ug/dscm | 7%O2 | 1.30e-4 | lbs/hr | CE7%O2 |
| Nickel | 700C1R1 | | 3.25e+1 | ug/dscm | 7%O2 | 1.28e-3 | lbs/hr | CE7%O2 |
| Nickel | 700C1R2 | | 2.09e+1 | ug/dscm | 7%O2 | 7.67e-4 | lbs/hr | CE7%O2 |
| Nickel | 700C1R3 | | 3.27e+1 | ug/dscm | 7%O2 | 1.17e-3 | lbs/hr | CE7%O2 |
| Silver | 700C1R1 | 4 | 5.14e+0 | ug/dscm | 7%O2 | 2.03e-4 | lbs/hr | CE7%O2 |
| Silver | 700C1R2 | 4 | 1.06e+1 | ug/dscm | 7%O2 | 3.91e-4 | lbs/hr | CE7%O2 |
| Silver | 700C1R3 | 4 | 4.39e+0 | ug/dscm | 7%O2 | 1.58e-4 | lbs/hr | CE7%O2 |
| Thallium | 700C1R1 | ND | 5.16e+0 | ug/dscm | 7%O2 | 2.04e-4 | lbs/hr | CE7%O2 |
| Thallium | 700C1R2 | ND | 1.16e+1 | ug/dscm | 7%O2 | 4.28e-4 | lbs/hr | CE7%O2 |
| Thallium | 700C1R3 | ND | 5.91e+0 | ug/dscm | 7%O2 | 2.12e-4 | lbs/hr | CE7%O2 |

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

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 700C1R1 | | 6.09e-2 | gr/dscf 7%O2 | 5.51e+0 | lbs/hr | CE |
| Particulate | 700C1R2 | | 5.25e-2 | gr/dscf 7%O2 | 4.42e+0 | lbs/hr | CE |
| Particulate | 700C1R3 | | 5.81e-2 | gr/dscf 7%O2 | 4.77e+0 | lbs/hr | CE |
| Particulate | 700C2R1 | | 3.34e-2 | gr/dscf 7%O2 | 2.75e+0 | lbs/hr | CE |
| Particulate | 700C2R2 | | 2.86e-2 | gr/dscf 7%O2 | 2.51e+0 | lbs/hr | CE |
| Particulate | 700C2R3 | | 2.83e-2 | gr/dscf 7%O2 | 2.42e+0 | lbs/hr | CE |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 700C2R1 | | 1.30e+4 | ng/dscm 7%O2 | 4.68e-4 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 700C2R2 | ND | 9.39e+3 | ng/dscm 7%O2 | 3.60e-4 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 700C2R3 | | 1.41e+4 | ng/dscm 7%O2 | 5.29e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 700C2R1 | ND | 2.83e+3 | ng/dscm 7%O2 | 1.02e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 700C2R2 | ND | 2.88e+3 | ng/dscm 7%O2 | 1.10e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 700C2R3 | ND | 2.80e+3 | ng/dscm 7%O2 | 1.05e-4 | lbs/hr | CE7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 356C1R1 | 3.50e-2 | gr/dscf | 7%O2 | 1.27e+0 | lbs/hr | CE |
| Particulate | 356C1R2 | 3.10e-2 | gr/dscf | 7%O2 | 1.18e+0 | lbs/hr | CE |
| Particulate | 356C1R3 | 3.10e-2 | gr/dscf | 7%O2 | 1.21e+0 | lbs/hr | CE |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 356C1R1 | 4.56e+0 | ppmv | 7%O2 | 8.37e-2 | lbs/hr | CE7%O2 |
| CO | 356C1R2 | 1.32e+0 | ppmv | 7%O2 | 2.55e-2 | lbs/hr | CE7%O2 |
| CO | 356C1R3 | 2.70e+0 | ppmv | 7%O2 | 5.36e-2 | lbs/hr | CE7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

6. Description: EMISSIONS — Process Group: ALL DEVICES — Location: STACK — Phase: GAS

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Chlorine | 710C1R1 | 1.16e+2 | ppmv | 7%O2 | 1.50e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C1R2 | 1.56e+2 | ppmv | 7%O2 | 2.10e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C1R3 | 1.49e+2 | ppmv | 7%O2 | 2.07e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C2R1 | 2.01e+2 | ppmv | 7%O2 | 2.39e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C2R2 | 1.79e+2 | ppmv | 7%O2 | 2.19e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C2R3 | 1.60e+2 | ppmv | 7%O2 | 2.06e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C3R1 | 1.15e+2 | ppmv | 7%O2 | 1.15e+1 | lbs/hr | CC7%O2 |
| Chlorine | 710C3R2 | 1.17e+2 | ppmv | 7%O2 | 9.63e+0 | lbs/hr | CC7%O2 |
| Chlorine | 710C3R3 | 1.23e+2 | ppmv | 7%O2 | 1.12e+1 | lbs/hr | CC7%O2 |
| HCl | 710C1R1 | 7.39e+1 | ppmv | 7%O2 | 4.90e+0 | lbs/hr | CC7%O2 |
| HCl | 710C1R2 | 6.98e+1 | ppmv | 7%O2 | 4.82e+0 | lbs/hr | CC7%O2 |
| HCl | 710C1R3 | 8.02e+1 | ppmv | 7%O2 | 5.71e+0 | lbs/hr | CC7%O2 |
| HCl | 710C2R1 | 8.18e+1 | ppmv | 7%O2 | 5.02e+0 | lbs/hr | CC7%O2 |
| HCl | 710C2R2 | 9.49e+1 | ppmv | 7%O2 | 5.97e+0 | lbs/hr | CC7%O2 |
| HCl | 710C2R3 | 6.23e+1 | ppmv | 7%O2 | 4.12e+0 | lbs/hr | CC7%O2 |
| HCl | 710C3R1 | 1.15e+2 | ppmv | 7%O2 | 5.89e+0 | lbs/hr | CC7%O2 |
| HCl | 710C3R2 | 1.20e+2 | ppmv | 7%O2 | 5.05e+0 | lbs/hr | CC7%O2 |
| HCl | 710C3R3 | 9.55e+1 | ppmv | 7%O2 | 4.48e+0 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 710C1R1 | 1.77e-2 | gr/dscf | 7%O2 | 1.78e+0 | lbs/hr | CE |
| Particulate | 710C1R2 | 1.50e-2 | gr/dscf | 7%O2 | 1.57e+0 | lbs/hr | CE |
| Particulate | 710C1R3 | 1.77e-2 | gr/dscf | 7%O2 | 1.91e+0 | lbs/hr | CE |
| Particulate | 710C2R1 | 2.12e-2 | gr/dscf | 7%O2 | 1.97e+0 | lbs/hr | CE |
| Particulate | 710C2R2 | 2.22e-2 | gr/dscf | 7%O2 | 2.12e+0 | lbs/hr | CE |
| Particulate | 710C2R3 | 2.07e-2 | gr/dscf | 7%O2 | 2.07e+0 | lbs/hr | CE |
| Particulate | 710C3R1 | 4.41e-2 | gr/dscf | 7%O2 | 3.43e+0 | lbs/hr | CE |
| Particulate | 710C3R2 | 4.43e-2 | gr/dscf | 7%O2 | 2.84e+0 | lbs/hr | CE |
| Particulate | 710C3R3 | 3.83e-2 | gr/dscf | 7%O2 | 2.72e+0 | lbs/hr | CE |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 710C1R1 | 1.35e+1 | ppmv | 7%O2 | 6.89e-1 | lbs/hr | CE7%O2 |
| CO | 710C1R2 | 1.52e+1 | ppmv | 7%O2 | 8.06e-1 | lbs/hr | CE7%O2 |
| CO | 710C1R3 | 1.49e+1 | ppmv | 7%O2 | 8.17e-1 | lbs/hr | CE7%O2 |
| CO | 710C2R1 | 9.07e+0 | ppmv | 7%O2 | 4.28e-1 | lbs/hr | CE7%O2 |
| CO | 710C2R2 | 7.92e+0 | ppmv | 7%O2 | 3.83e-1 | lbs/hr | CE7%O2 |
| CO | 710C2R3 | 3.38e+1 | ppmv | 7%O2 | 1.72e+0 | lbs/hr | CE7%O2 |
| CO | 710C3R1 | 1.59e+0 | ppmv | 7%O2 | 6.27e-2 | lbs/hr | CE7%O2 |
| CO | 710C3R2 | 3.59e+1 | ppmv | 7%O2 | 1.17e+0 | lbs/hr | CE7%O2 |
| CO | 710C3R3 | 1.02e+1 | ppmv | 7%O2 | 3.70e-1 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C1R1 | 1.96e+1 | ppmv | 7%O2 | 1.00e+0 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C1R2 | 2.57e+1 | ppmv | 7%O2 | 1.36e+0 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C1R3 | 7.00e+1 | ppmv | 7%O2 | 3.83e+0 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C2R1 | 1.94e+1 | ppmv | 7%O2 | 9.17e-1 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C2R2 | 1.45e+1 | ppmv | 7%O2 | 7.03e-1 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C2R3 | 1.29e+2 | ppmv | 7%O2 | 6.57e+0 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C3R1 | 1.59e+0 | ppmv | 7%O2 | 6.27e-2 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C3R2 | 6.34e+2 | ppmv | 7%O2 | 2.06e+1 | lbs/hr | CE7%O2 |
| CO(MHRA) | 710C3R3 | 8.71e+1 | ppmv | 7%O2 | 3.14e+0 | lbs/hr | CE7%O2 |
| THC | 710C1R1 | 5.53e+0 | ppmv | 7%O2 | 4.43e-1 | lbs/hr | CE7%O2 |
| THC | 710C1R2 | 1.17e+0 | ppmv | 7%O2 | 9.74e-2 | lbs/hr | CE7%O2 |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| THC | 710C1R3 | 1.15e+0 | ppmv | 7%O2 | 9.87e-2 | lbs/hr | CE7%O2 |
| THC | 710C2R1 | 6.48e-1 | ppmv | 7%O2 | 4.81e-2 | lbs/hr | CE7%O2 |
| THC | 710C2R2 | 6.60e-1 | ppmv | 7%O2 | 5.02e-2 | lbs/hr | CE7%O2 |
| THC | 710C2R3 | 1.81e+0 | ppmv | 7%O2 | 1.45e-1 | lbs/hr | CE7%O2 |
| THC | 710C3R1 | 1.11e+1 | ppmv | 7%O2 | 6.90e-1 | lbs/hr | CE7%O2 |
| THC | 710C3R2 | 3.59e+1 | ppmv | 7%O2 | 1.84e+0 | lbs/hr | CE7%O2 |
| THC | 710C3R3 | 8.54e-1 | ppmv | 7%O2 | 4.84e-2 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C1R1 | 9.82e+0 | ppmv | 7%O2 | 7.88e-1 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C1R2 | 2.33e+0 | ppmv | 7%O2 | 1.95e-1 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C1R3 | 2.30e+0 | ppmv | 7%O2 | 1.97e-1 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C2R1 | 1.30e+0 | ppmv | 7%O2 | 9.61e-2 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C2R2 | 1.32e+0 | ppmv | 7%O2 | 1.00e-1 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C2R3 | 3.62e+0 | ppmv | 7%O2 | 2.89e-1 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C3R1 | 5.57e+1 | ppmv | 7%O2 | 3.45e+0 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C3R2 | 7.19e+1 | ppmv | 7%O2 | 3.67e+0 | lbs/hr | CE7%O2 |
| THC(MHRA) | 710C3R3 | 1.71e+0 | ppmv | 7%O2 | 9.68e-2 | lbs/hr | CE7%O2 |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Benzene | 710C1R1 | 2.61e+4 | ng/dscm | 7%O2 | 1.15e-3 | lbs/hr | CE7%O2 |
| Benzene | 710C1R2 | 2.08e+4 | ng/dscm | 7%O2 | 9.50e-4 | lbs/hr | CE7%O2 |
| Benzene | 710C1R3 | 2.29e+4 | ng/dscm | 7%O2 | 1.08e-3 | lbs/hr | CE7%O2 |
| Benzene | 710C2R1 | 7.54e+3 | ng/dscm | 7%O2 | 3.06e-4 | lbs/hr | CE7%O2 |
| Benzene | 710C2R2 | 5.78e+3 | ng/dscm | 7%O2 | 2.41e-4 | lbs/hr | CE7%O2 |
| Benzene | 710C2R3 | 4.40e+4 | ng/dscm | 7%O2 | 1.93e-3 | lbs/hr | CE7%O2 |
| Benzene | 710C3R1 | 1.21e+4 | ng/dscm | 7%O2 | 4.10e-4 | lbs/hr | CE7%O2 |
| Benzene | 710C3R2 | 1.92e+4 | ng/dscm | 7%O2 | 5.37e-4 | lbs/hr | CE7%O2 |
| Benzene | 710C3R3 | 1.46e+4 | ng/dscm | 7%O2 | 4.52e-4 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C1R1 | 2.02e+5 | ng/dscm | 7%O2 | 8.86e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C1R2 | 1.51e+5 | ng/dscm | 7%O2 | 6.93e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C1R3 | 1.31e+5 | ng/dscm | 7%O2 | 6.15e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C2R1 | 5.48e+4 | ng/dscm | 7%O2 | 2.23e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C2R2 | 5.06e+4 | ng/dscm | 7%O2 | 2.11e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C2R3 | 4.40e+4 | ng/dscm | 7%O2 | 1.93e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C3R1 | 3.51e+4 | ng/dscm | 7%O2 | 1.19e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C3R2 | 5.52e+4 | ng/dscm | 7%O2 | 1.54e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 710C3R3 | 4.75e+4 | ng/dscm | 7%O2 | 1.48e-3 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C1R1 | 4.32e+4 | ng/dscm | 7%O2 | 1.90e-3 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C1R2 | 1.37e+4 | ng/dscm | 7%O2 | 6.29e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C1R3 | 6.47e+3 | ng/dscm | 7%O2 | 3.05e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C2R1 | 1.55e+4 | ng/dscm | 7%O2 | 6.30e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C2R2 | 3.65e+3 | ng/dscm | 7%O2 | 1.52e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C2R3 | 1.19e+4 | ng/dscm | 7%O2 | 5.21e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C3R1 | 6.97e+3 | ng/dscm | 7%O2 | 2.37e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C3R2 | 1.08e+4 | ng/dscm | 7%O2 | 3.03e-4 | lbs/hr | CE7%O2 |
| Chlorobenzene | 710C3R3 | 5.33e+4 | ng/dscm | 7%O2 | 1.66e-3 | lbs/hr | CE7%O2 |
| Toluene | 710C1R1 | 9.19e+4 | ng/dscm | 7%O2 | 4.04e-3 | lbs/hr | CE7%O2 |
| Toluene | 710C1R2 | 3.94e+4 | ng/dscm | 7%O2 | 1.80e-3 | lbs/hr | CE7%O2 |
| Toluene | 710C1R3 | 2.99e+4 | ng/dscm | 7%O2 | 1.41e-3 | lbs/hr | CE7%O2 |
| Toluene | 710C2R1 | 2.06e+4 | ng/dscm | 7%O2 | 8.37e-4 | lbs/hr | CE7%O2 |
| Toluene | 710C2R2 | 2.18e+4 | ng/dscm | 7%O2 | 9.07e-4 | lbs/hr | CE7%O2 |
| Toluene | 710C2R3 | 1.34e+4 | ng/dscm | 7%O2 | 5.89e-4 | lbs/hr | CE7%O2 |
| Toluene | 710C3R1 | 4.49e+4 | ng/dscm | 7%O2 | 1.52e-3 | lbs/hr | CE7%O2 |
| Toluene | 710C3R2 | 6.01e+4 | ng/dscm | 7%O2 | 1.68e-3 | lbs/hr | CE7%O2 |
| Toluene | 710C3R3 | 4.29e+4 | ng/dscm | 7%O2 | 1.33e-3 | lbs/hr | CE7%O2 |
| Trichlorofluoroethane | 710C1R1 | ND 0.00e+0 | | | 0.00e+0 | | |
| Trichlorofluoroethane | 710C1R2 | ND 0.00e+0 | | | 0.00e+0 | | |
| Trichlorofluoroethane | 710C1R3 | ND 0.00e+0 | | | 0.00e+0 | | |
| Trichlorofluoroethane | 710C2R1 | ND 0.00e+0 | | | 0.00e+0 | | |
| Trichlorofluoroethane | 710C2R2 | ND 0.00e+0 | | | 0.00e+0 | | |
| Trichlorofluoroethane | 710C2R3 | ND 0.00e+0 | | | 0.00e+0 | | |

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

| | | | | | |
|---|---|---|---|---|---|
| Trichlorofluoroethane | 710C3R1 | ND | 0.00e+0 | 0.00e+0 | |
| Trichlorofluoroethane | 710C3R2 | ND | 0.00e+0 | 0.00e+0 | |
| Trichlorofluoroethane | 710C3R3 | ND | 0.00e+0 | 0.00e+0 | |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Chlorine | 339C1R4 | 1.15e-1 | ppmv 7%O2 | 5.53e-3 | lbs/hr | CC7%O2 |
| Chlorine | 339C1R5 | 1.32e-2 | ppmv 7%O2 | 6.50e-4 | lbs/hr | CC7%O2 |
| Chlorine | 339C1R6 | 1.22e-2 | ppmv 7%O2 | 6.00e-4 | lbs/hr | CC7%O2 |
| HCl | 339C1R1 | 2.22e+0 | ppmv 7%O2 | 5.10e-2 | lbs/hr | CC7%O2 |
| HCl | 339C1R2 | 1.74e+1 | ppmv 7%O2 | 4.23e-1 | lbs/hr | CC7%O2 |
| HCl | 339C1R3 | 4.27e+1 | ppmv 7%O2 | 1.01e+0 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Particulate | 339C1R1 | 2.09e-3 | gr/dscf 7%O2 | 7.26e-2 | lbs/hr | CC7%O2 |
| Particulate | 339C1R2 | 3.26e-3 | gr/dscf 7%O2 | 1.20e-1 | lbs/hr | CC7%O2 |
| Particulate | 339C1R3 | 2.92e-3 | gr/dscf 7%O2 | 1.05e-1 | lbs/hr | CC7%O2 |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| THC | 339C1R1 | 1.06e+0 | ppmv 7%O2 | 2.95e-2 | lbs/hr | CE7%O2 |
| THC | 339C1R2 | 2.29e+0 | ppmv 7%O2 | 6.73e-2 | lbs/hr | CE7%O2 |
| THC | 339C1R3 | 1.41e+0 | ppmv 7%O2 | 4.06e-2 | lbs/hr | CE7%O2 |
| THC | 339C1R4 | 6.14e-1 | ppmv 7%O2 | 1.83e-2 | lbs/hr | CE7%O2 |
| THC | 339C1R5 | 8.82e-1 | ppmv 7%O2 | 2.69e-2 | lbs/hr | CE7%O2 |
| THC | 339C1R6 | 1.61e+0 | ppmv 7%O2 | 4.95e-2 | lbs/hr | CE7%O2 |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 339C1R1 | 2.25e+5 | ng/dscm 7%O2 | 3.42e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 339C1R2 | 2.01e+5 | ng/dscm 7%O2 | 3.24e-3 | lbs/hr | CE7%O2 |
| Carbon Tetrachloride | 339C1R3 | 2.29e+5 | ng/dscm 7%O2 | 3.59e-3 | lbs/hr | CE7%O2 |
| o-Dichlorobenzene | 339C1R1 | 4.65e+4 | ng/dscm 7%O2 | 7.07e-4 | lbs/hr | CE7%O2 |
| o-Dichlorobenzene | 339C1R2 | 9.32e+4 | ng/dscm 7%O2 | 1.50e-3 | lbs/hr | CE7%O2 |
| o-Dichlorobenzene | 339C1R3 | 6.11e+4 | ng/dscm 7%O2 | 9.60e-4 | lbs/hr | CE7%O2 |
| Toluene | 339C1R1 | 8.27e+4 | ng/dscm 7%O2 | 1.26e-3 | lbs/hr | CE7%O2 |
| Toluene | 339C1R2 | 3.69e+4 | ng/dscm 7%O2 | 5.94e-4 | lbs/hr | CE7%O2 |
| Toluene | 339C1R3 | 1.75e+4 | ng/dscm 7%O2 | 2.75e-4 | lbs/hr | CE7%O2 |
| Trichlorofluoromethane | 339C1R1 | 1.45e+5 | ng/dscm 7%O2 | 2.20e-3 | lbs/hr | CE7%O2 |
| Trichlorofluoromethane | 339C1R2 | 3.60e+4 | ng/dscm 7%O2 | 5.80e-4 | lbs/hr | CE7%O2 |
| Trichlorofluoromethane | 339C1R3 | 3.81e+4 | ng/dscm 7%O2 | 5.98e-4 | lbs/hr | CE7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

5. Type: CONTROLLED

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

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 350C1R1 | 1.00e-3 | gr/dscf | 7%O2 | 7.94e-2 | lbs/hr | CE |
| Particulate | 350C1R2 | 1.30e-3 | gr/dscf | 7%O2 | 1.18e-1 | lbs/hr | CE |
| Particulate | 350C1R3 | 2.50e-3 | gr/dscf | 7%O2 | 2.21e-1 | lbs/hr | CE |
| Particulate | 350C2R1 | 5.00e-4 | gr/dscf | 7%O2 | 4.04e-2 | lbs/hr | CE |
| Particulate | 350C2R2 | 7.00e-4 | gr/dscf | 7%O2 | 5.89e-2 | lbs/hr | CE |
| Particulate | 350C2R3 | 4.00e-4 | gr/dscf | 7%O2 | 3.26e-2 | lbs/hr | CE |
| Particulate | 350C3R1 | 4.00e-4 | gr/dscf | 7%O2 | 2.99e-2 | lbs/hr | CE |
| Particulate | 350C3R2 | 2.00e-4 | gr/dscf | 7%O2 | 1.89e-2 | lbs/hr | CE |
| Particulate | 350C3R3 | 1.50e-3 | gr/dscf | 7%O2 | 1.18e-1 | lbs/hr | CE |
| Particulate | 350C4R1 | 7.00e-4 | gr/dscf | 7%O2 | 4.94e-2 | lbs/hr | CE |
| Particulate | 350C4R2 | 6.00e-4 | gr/dscf | 7%O2 | 4.42e-2 | lbs/hr | CE |
| Particulate | 350C4R3 | 1.20e-3 | gr/dscf | 7%O2 | 8.92e-2 | lbs/hr | CE |
| Particulate | 350C5R1 | 9.00e-4 | gr/dscf | 7%O2 | 6.15e-2 | lbs/hr | CE |
| Particulate | 350C5R2 | 7.00e-4 | gr/dscf | 7%O2 | 4.69e-2 | lbs/hr | CE |
| Particulate | 350C5R3 | 7.00e-4 | gr/dscf | 7%O2 | 5.05e-2 | lbs/hr | CE |
| Particulate | 350C6R2 | 7.00e-4 | gr/dscf | 7%O2 | 4.49e-2 | lbs/hr | CE |
| Particulate | 350C6R3 | 5.00e-4 | gr/dscf | 7%O2 | 3.20e-2 | lbs/hr | CE |
| Particulate | 350C7R1 | 1.38e-2 | gr/dscf | 7%O2 | 6.67e-1 | lbs/hr | CE |
| Particulate | 350C7R2 | 1.19e-2 | gr/dscf | 7%O2 | 0.00e+0 | | |
| Particulate | 350C7R3 | 1.25e-2 | gr/dscf | 7%O2 | 6.14e-1 | lbs/hr | CE |
| Particulate | 350C8R1 | 9.00e-4 | gr/dscf | 7%O2 | 5.12e-2 | lbs/hr | CE |
| Particulate | 350C8R2 | 1.20e-3 | gr/dscf | 7%O2 | 6.94e-2 | lbs/hr | CE |
| Particulate | 350C8R3 | 7.00e-4 | gr/dscf | 7%O2 | 3.96e-2 | lbs/hr | CE |
| Particulate | 350C9R1 | 1.30e-3 | gr/dscf | 7%O2 | 7.03e-2 | lbs/hr | CE |
| Particulate | 350C9R2 | 8.00e-4 | gr/dscf | 7%O2 | 4.34e-2 | lbs/hr | CE |
| Particulate | 350C9R3 | 3.13e-6 | gr/dscf | 7%O2 | 1.72e-4 | lbs/hr | CC7%O2 |

7. Category: SVOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| p-Benzoquinone | 350C1R1 | ND | 2.67e+3 | ng/dscm | 7%O2 | 9.26e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C1R2 | ND | 2.60e+3 | ng/dscm | 7%O2 | 1.03e-4 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C1R3 | ND | 2.51e+3 | ng/dscm | 7%O2 | 9.66e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C2R1 | ND | 2.78e+3 | ng/dscm | 7%O2 | 9.79e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C2R2 | ND | 2.67e+3 | ng/dscm | 7%O2 | 9.79e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C2R3 | ND | 2.75e+3 | ng/dscm | 7%O2 | 9.79e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C3R1 | ND | 3.04e+3 | ng/dscm | 7%O2 | 9.92e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C3R2 | ND | 2.31e+3 | ng/dscm | 7%O2 | 9.53e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C3R3 | ND | 2.73e+3 | ng/dscm | 7%O2 | 9.39e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C4R1 | ND | 3.09e+3 | ng/dscm | 7%O2 | 9.53e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C4R2 | ND | 3.08e+3 | ng/dscm | 7%O2 | 9.92e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C4R3 | ND | 2.94e+3 | ng/dscm | 7%O2 | 9.53e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C5R1 | ND | 3.29e+3 | ng/dscm | 7%O2 | 9.79e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C5R2 | ND | 3.35e+3 | ng/dscm | 7%O2 | 9.79e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C5R3 | ND | 1.67e+6 | ng/dscm | 7%O2 | 5.27e-2 | lbs/hr | CE |
| p-Benzoquinone | 350C6R1 | ND | 3.38e+3 | ng/dscm | 7%O2 | 9.26e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C6R2 | ND | 3.40e+3 | ng/dscm | 7%O2 | 9.53e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C6R3 | ND | 3.46e+3 | ng/dscm | 7%O2 | 9.66e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C7R1 | ND | 3.77e+3 | ng/dscm | 7%O2 | 7.94e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C7R2 | ND | 0.00e+0 | | | 7.94e-5 | lbs/hr | |
| p-Benzoquinone | 350C7R3 | ND | 3.70e+3 | ng/dscm | 7%O2 | 7.94e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C8R1 | ND | 2.45e+3 | ng/dscm | 7%O2 | 6.09e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C8R2 | ND | 3.46e+3 | ng/dscm | 7%O2 | 8.73e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C8R3 | ND | 3.54e+3 | ng/dscm | 7%O2 | 8.73e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C9R1 | ND | 4.09e+3 | ng/dscm | 7%O2 | 9.66e-5 | lbs/hr | CC7%O2 |
| p-Benzoquinone | 350C9R2 | ND | 4.08e+3 | ng/dscm | 7%O2 | 9.66e-5 | lbs/hr | CC7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| p-Benzoquinone | 350C9R3 | ND | 4.03e+3 | ng/dscm | 7%O2 | 9.66e-5 | lbs/hr | CC7%O2 |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| CO | 350C1R1 | | 3.94e+2 | ppmv | 7%O2 | 1.58e+1 | lbs/hr | CE7%O2 |
| CO | 350C1R2 | | 1.93e+1 | ppmv | 7%O2 | 8.90e-1 | lbs/hr | CE7%O2 |
| CO | 350C1R3 | | 7.74e+0 | ppmv | 7%O2 | 3.47e-1 | lbs/hr | CE7%O2 |
| CO | 350C2R1 | | 9.10e+0 | ppmv | 7%O2 | 3.72e-1 | lbs/hr | CE7%O2 |
| CO | 350C2R2 | | 2.82e+0 | ppmv | 7%O2 | 1.20e-1 | lbs/hr | CE7%O2 |
| CO | 350C2R3 | | 2.17e+0 | ppmv | 7%O2 | 8.97e-2 | lbs/hr | CE7%O2 |
| CO | 350C3R1 | ND | 1.06e+0 | ppmv | 7%O2 | 4.02e-2 | lbs/hr | CE7%O2 |
| CO | 350C3R2 | ND | 1.04e+0 | ppmv | 7%O2 | 4.98e-2 | lbs/hr | CE7%O2 |
| CO | 350C3R3 | ND | 1.02e+0 | ppmv | 7%O2 | 4.06e-2 | lbs/hr | CE7%O2 |
| CO | 350C4R1 | ND | 1.10e+0 | ppmv | 7%O2 | 3.95e-2 | lbs/hr | CE7%O2 |
| CO | 350C4R2 | ND | 1.10e+0 | ppmv | 7%O2 | 4.12e-2 | lbs/hr | CE7%O2 |
| CO | 350C4R3 | ND | 1.05e+0 | ppmv | 7%O2 | 3.94e-2 | lbs/hr | CE7%O2 |
| CO | 350C5R1 | ND | 1.04e+0 | ppmv | 7%O2 | 3.59e-2 | lbs/hr | CE7%O2 |
| CO | 350C5R2 | ND | 1.02e+0 | ppmv | 7%O2 | 3.47e-2 | lbs/hr | CE7%O2 |
| CO | 350C5R3 | ND | 1.02e+0 | ppmv | 7%O2 | 3.72e-2 | lbs/hr | CE7%O2 |
| CO | 350C6R1 | ND | 1.12e+0 | ppmv | 7%O2 | 3.56e-2 | lbs/hr | CE7%O2 |
| CO | 350C6R2 | ND | 1.11e+0 | ppmv | 7%O2 | 3.62e-2 | lbs/hr | CE7%O2 |
| CO | 350C6R3 | ND | 1.09e+0 | ppmv | 7%O2 | 3.55e-2 | lbs/hr | CE7%O2 |
| CO | 350C7R1 | ND | 1.25e+0 | ppmv | 7%O2 | 3.06e-2 | lbs/hr | CE7%O2 |
| CO | 350C7R2 | ND | 1.00e+0 | ppmv | | 0.00e+0 | | |
| CO | 350C7R3 | ND | 1.25e+0 | ppmv | 7%O2 | 3.11e-2 | lbs/hr | CE7%O2 |
| CO | 350C8R1 | ND | 1.33e+0 | ppmv | 7%O2 | 3.85e-2 | lbs/hr | CE7%O2 |
| CO | 350C8R2 | ND | 1.35e+0 | ppmv | 7%O2 | 3.95e-2 | lbs/hr | CE7%O2 |
| CO | 350C8R3 | ND | 1.35e+0 | ppmv | 7%O2 | 3.86e-2 | lbs/hr | CE7%O2 |
| CO | 350C9R1 | ND | 1.35e+0 | ppmv | 7%O2 | 3.70e-2 | lbs/hr | CE7%O2 |
| CO | 350C9R2 | ND | 1.35e+0 | ppmv | 7%O2 | 3.70e-2 | lbs/hr | CE7%O2 |
| CO | 350C9R3 | ND | 1.36e+0 | ppmv | 7%O2 | 3.79e-2 | lbs/hr | CE7%O2 |

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

5. Type: CONTROLLED

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

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Particulate | 702A1R1 | 5.30e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A1R2 | 4.40e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A1R3 | 4.30e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A2R1 | 5.10e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A2R2 | 2.80e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A2R3 | 4.60e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A3R1 | 2.30e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A3R2 | 2.10e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702A3R3 | 2.30e-2 | gr/dscf 7%O2 | 0.00e+0 | | |
| Particulate | 702C6R1 | 8.05e-2 | gr/dscf 7%O2 | 6.83e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C6R2 | 1.04e-1 | gr/dscf 7%O2 | 7.33e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C6R3 | 9.15e-2 | gr/dscf 7%O2 | 8.84e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C6R4 | 8.40e-2 | gr/dscf 7%O2 | 8.23e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C7R1 | 6.63e-2 | gr/dscf 7%O2 | 4.90e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C7R2 | 4.14e-2 | gr/dscf 7%O2 | 2.81e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C7R3 | 1.07e-1 | gr/dscf 7%O2 | 9.86e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C8R1 | 8.10e-2 | gr/dscf 7%O2 | 6.88e+0 | lbs/hr | CE7%O2 |
| Particulate | 702C8R2 | 1.32e-1 | gr/dscf 7%O2 | 1.19e+1 | lbs/hr | CE7%O2 |
| Particulate | 702C8R3 | 1.15e-1 | gr/dscf 7%O2 | 1.01e+1 | lbs/hr | CE7%O2 |
| Particulate | 702C9R1 | 1.89e-1 | gr/dscf 7%O2 | 1.67e+1 | lbs/hr | CE7%O2 |
| Particulate | 702C9R2 | 1.86e-1 | gr/dscf 7%O2 | 1.69e+1 | lbs/hr | CE7%O2 |
| Particulate | 702C9R3 | 1.88e-1 | gr/dscf 7%O2 | 1.54e+1 | lbs/hr | CE7%O2 |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Formaldehyde | 702C1R1 | 2.33e+5 | ng/dscm 7%O2 | 1.08e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C1R2 | 2.97e+5 | ng/dscm 7%O2 | 1.62e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C1R3 | 3.74e+5 | ng/dscm 7%O2 | 1.89e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C2R1 | 4.20e+5 | ng/dscm 7%O2 | 1.67e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C2R2 | 5.32e+5 | ng/dscm 7%O2 | 1.89e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C2R3 | 4.03e+5 | ng/dscm 7%O2 | 1.48e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C3R1 | 2.19e+5 | ng/dscm 7%O2 | 9.20e-3 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C3R2 | 4.95e+5 | ng/dscm 7%O2 | 1.77e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C3R3 | 2.24e+5 | ng/dscm 7%O2 | 9.48e-3 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C4R1 | 4.10e+5 | ng/dscm 7%O2 | 2.07e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C4R2 | 6.06e+5 | ng/dscm 7%O2 | 2.45e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C4R3 | 4.65e+5 | ng/dscm 7%O2 | 2.25e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C5R1 | 6.84e+5 | ng/dscm 7%O2 | 2.43e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C5R2 | 5.24e+5 | ng/dscm 7%O2 | 1.87e-2 | lbs/hr | CE7%O2 |
| Formaldehyde | 702C5R3 | 5.75e+5 | ng/dscm 7%O2 | 1.58e-2 | lbs/hr | CE7%O2 |

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

5. Type: CONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| HCl | 707A1R1 | 6.94e+0 | ppmv 7%O2 | 8.40e-1 | lbs/hr | CC7%O2 |
| HCl | 707A1R2 | 5.26e+0 | ppmv 7%O2 | 6.30e-1 | lbs/hr | CC7%O2 |
| HCl | 707A1R3 | 7.58e+0 | ppmv 7%O2 | 8.80e-1 | lbs/hr | CC7%O2 |
| HCl | 707A2R1 | 2.44e+0 | ppmv 7%O2 | 2.30e-1 | lbs/hr | CC7%O2 |
| HCl | 707A2R2 | 3.32e+0 | ppmv 7%O2 | 3.70e-1 | lbs/hr | CC7%O2 |
| HCl | 707A2R3 | 1.98e+0 | ppmv 7%O2 | 2.30e-1 | lbs/hr | CC7%O2 |
| HCl | 707C1R1 | 5.26e-1 | ppmv 7%O2 | 7.00e-2 | lbs/hr | CC7%O2 |
| HCl | 707C1R2 | 3.30e+0 | ppmv 7%O2 | 4.30e-1 | lbs/hr | CC7%O2 |
| HCl | 707C1R3 | 7.82e-1 | ppmv 7%O2 | 1.00e-1 | lbs/hr | CC7%O2 |
| HCl | 707C2R1 | 9.31e+0 | ppmv 7%O2 | 1.16e+0 | lbs/hr | CC7%O2 |
| HCl | 707C2R2 | 3.12e+0 | ppmv 7%O2 | 3.90e-1 | lbs/hr | CC7%O2 |
| HCl | 707C2R3 | 9.49e+0 | ppmv 7%O2 | 1.19e+0 | lbs/hr | CC7%O2 |
| HCl | 707C3R1 | 1.92e+1 | ppmv 7%O2 | 8.30e-1 | lbs/hr | CC7%O2 |
| HCl | 707C3R2 | 8.55e+0 | ppmv 7%O2 | 1.17e+0 | lbs/hr | CC7%O2 |
| HCl | 707C3R3 | 8.83e+0 | ppmv 7%O2 | 1.12e+0 | lbs/hr | CC7%O2 |
| HCl | 707C4R1 | 1.24e+1 | ppmv 7%O2 | 1.33e+0 | lbs/hr | CC7%O2 |
| HCl | 707C4R2 | 9.96e+0 | ppmv 7%O2 | 1.19e+0 | lbs/hr | CC7%O2 |
| HCl | 707C4R3 | 1.09e+1 | ppmv 7%O2 | 1.33e+0 | lbs/hr | CC7%O2 |
| HCl | 707C7R1 | 5.76e-1 | ppmv 7%O2 | 8.00e-2 | lbs/hr | CC7%O2 |
| HCl | 707C7R2 | 4.59e-1 | ppmv 7%O2 | 6.00e-2 | lbs/hr | CC7%O2 |
| HCl | 707C7R3 | 5.09e-1 | ppmv 7%O2 | 7.00e-2 | lbs/hr | CC7%O2 |
| HCl | 707C8R1 | 6.80e-1 | ppmv 7%O2 | 9.00e-2 | lbs/hr | CC7%O2 |
| HCl | 707C8R2 | 5.82e-1 | ppmv 7%O2 | 7.00e-2 | lbs/hr | CC7%O2 |
| HCl | 707C8R3 | 1.15e+1 | ppmv 7%O2 | 1.18e+0 | lbs/hr | CC7%O2 |
| HCl | 707C9R1 | 3.62e+0 | ppmv 7%O2 | 4.10e-1 | lbs/hr | CC7%O2 |
| HCl | 707C9R2 | 5.13e+0 | ppmv 7%O2 | 6.00e-1 | lbs/hr | CC7%O2 |
| HCl | 707C9R3 | 1.22e+1 | ppmv 7%O2 | 1.56e+0 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Particulate | 707A1R1 | 4.86e-2 | gr/dscf 7%O2 | 8.91e+0 | lbs/hr | CE |
| Particulate | 707A1R2 | 4.57e-2 | gr/dscf 7%O2 | 8.29e+0 | lbs/hr | CE |
| Particulate | 707A1R3 | 4.26e-2 | gr/dscf 7%O2 | 7.50e+0 | lbs/hr | CE |
| Particulate | 707A2R1 | 3.81e-2 | gr/dscf 7%O2 | 5.44e+0 | lbs/hr | CE |
| Particulate | 707A2R2 | 3.21e-2 | gr/dscf 7%O2 | 5.43e+0 | lbs/hr | CE |
| Particulate | 707A2R3 | 2.80e-2 | gr/dscf 7%O2 | 4.93e+0 | lbs/hr | CE |
| Particulate | 707C1R1 | 4.86e-2 | gr/dscf 7%O2 | 9.80e+0 | lbs/hr | CE |
| Particulate | 707C1R2 | 3.95e-2 | gr/dscf 7%O2 | 7.80e+0 | lbs/hr | CE |
| Particulate | 707C1R3 | 2.62e-2 | gr/dscf 7%O2 | 5.08e+0 | lbs/hr | CE |
| Particulate | 707C2R1 | 3.03e-2 | gr/dscf 7%O2 | 5.72e+0 | lbs/hr | CE |
| Particulate | 707C2R2 | 3.50e-2 | gr/dscf 7%O2 | 6.63e+0 | lbs/hr | CE |
| Particulate | 707C2R3 | 3.58e-2 | gr/dscf 7%O2 | 6.80e+0 | lbs/hr | CE |
| Particulate | 707C3R1 | 1.98e-2 | gr/dscf 7%O2 | 1.29e+0 | lbs/hr | CE |
| Particulate | 707C3R2 | 9.70e-3 | gr/dscf 7%O2 | 2.01e+0 | lbs/hr | CE |
| Particulate | 707C3R3 | 1.52e-2 | gr/dscf 7%O2 | 2.92e+0 | lbs/hr | CE |
| Particulate | 707C4R1 | 3.78e-2 | gr/dscf 7%O2 | 6.13e+0 | lbs/hr | CE |
| Particulate | 707C4R2 | 3.63e-2 | gr/dscf 7%O2 | 6.58e+0 | lbs/hr | CE |
| Particulate | 707C4R3 | 3.61e-2 | gr/dscf 7%O2 | 6.69e+0 | lbs/hr | CE |
| Particulate | 707C7R1 | 3.00e-2 | gr/dscf 7%O2 | 6.32e+0 | lbs/hr | CE |
| Particulate | 707C7R2 | 2.97e-2 | gr/dscf 7%O2 | 5.89e+0 | lbs/hr | CE |
| Particulate | 707C7R3 | 2.59e-2 | gr/dscf 7%O2 | 5.40e+0 | lbs/hr | CE |
| Particulate | 707C8R1 | 4.26e-2 | gr/dscf 7%O2 | 8.55e+0 | lbs/hr | CE |
| Particulate | 707C8R2 | 4.71e-2 | gr/dscf 7%O2 | 8.59e+0 | lbs/hr | CE |
| Particulate | 707C8R3 | 4.50e-2 | gr/dscf 7%O2 | 6.99e+0 | lbs/hr | CE |
| Particulate | 707C9R1 | 5.59e+0 | gr/dscf 7%O2 | 9.59e+2 | lbs/hr | CE |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Particulate | 707C9R2 | 2.92e-2 | gr/dscf | 7%O2 | 5.18e+0 | lbs/hr | CE |
| Particulate | 707C9R3 | 8.50e-2 | gr/dscf | 7%O2 | 1.64e+1 | lbs/hr | CE |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 707A1R1 | 9.78e+3 | ppmv | 7%O2 | 9.10e+2 | lbs/hr | CE7%O2 |
| CO | 707A1R2 | 9.06e+3 | ppmv | 7%O2 | 8.34e+2 | lbs/hr | CE7%O2 |
| CO | 707A1R3 | 1.13e+4 | ppmv | 7%O2 | 1.01e+3 | lbs/hr | CE7%O2 |
| CO | 707A2R1 | 4.38e+3 | ppmv | 7%O2 | 3.17e+2 | lbs/hr | CE7%O2 |
| CO | 707A2R2 | 3.32e+3 | ppmv | 7%O2 | 2.85e+2 | lbs/hr | CE7%O2 |
| CO | 707A2R3 | 3.49e+3 | ppmv | 7%O2 | 3.12e+2 | lbs/hr | CE7%O2 |
| CO | 707A3R1 | 7.27e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A3R2 | 7.77e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A3R3 | 7.60e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A4R1 | 3.32e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A4R2 | 2.95e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A4R3 | 3.94e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A5R1 | 1.74e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A5R2 | 2.03e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A5R3 | 1.78e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A6R1 | 5.57e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A6R2 | 6.83e+3 | ppmv | | 0.00e+0 | | |
| CO | 707A6R3 | 6.87e+3 | ppmv | | 0.00e+0 | | |
| CO | 707C1R1 | 9.95e+3 | ppmv | 7%O2 | 1.02e+3 | lbs/hr | CE7%O2 |
| CO | 707C1R2 | 9.55e+3 | ppmv | 7%O2 | 9.56e+2 | lbs/hr | CE7%O2 |
| CO | 707C1R3 | 1.17e+4 | ppmv | 7%O2 | 1.15e+3 | lbs/hr | CE7%O2 |
| CO | 707C2R1 | 6.67e+3 | ppmv | 7%O2 | 6.39e+2 | lbs/hr | CE7%O2 |
| CO | 707C2R2 | 7.62e+3 | ppmv | 7%O2 | 7.32e+2 | lbs/hr | CE7%O2 |
| CO | 707C2R3 | 5.86e+3 | ppmv | 7%O2 | 5.65e+2 | lbs/hr | CE7%O2 |
| CO | 707C3R1 | 5.64e+3 | ppmv | 7%O2 | 1.87e+2 | lbs/hr | CE7%O2 |
| CO | 707C3R2 | 6.07e+3 | ppmv | 7%O2 | 6.39e+2 | lbs/hr | CE7%O2 |
| CO | 707C3R3 | 5.65e+3 | ppmv | 7%O2 | 5.51e+2 | lbs/hr | CE7%O2 |
| CO | 707C4R1 | 3.48e+3 | ppmv | 7%O2 | 2.86e+2 | lbs/hr | CE7%O2 |
| CO | 707C4R2 | 4.80e+3 | ppmv | 7%O2 | 4.41e+2 | lbs/hr | CE7%O2 |
| CO | 707C4R3 | 4.29e+3 | ppmv | 7%O2 | 4.03e+2 | lbs/hr | CE7%O2 |
| CO | 707C7R1 | 1.04e+4 | ppmv | 7%O2 | 1.11e+3 | lbs/hr | CE7%O2 |
| CO | 707C7R2 | 1.12e+4 | ppmv | 7%O2 | 1.13e+3 | lbs/hr | CE7%O2 |
| CO | 707C7R3 | 9.43e+3 | ppmv | 7%O2 | 9.97e+2 | lbs/hr | CE7%O2 |
| CO | 707C8R1 | 9.81e+3 | ppmv | 7%O2 | 9.98e+2 | lbs/hr | CE7%O2 |
| CO | 707C8R2 | 8.68e+3 | ppmv | 7%O2 | 8.03e+2 | lbs/hr | CE7%O2 |
| CO | 707C8R3 | 1.03e+4 | ppmv | 7%O2 | 8.07e+2 | lbs/hr | CE7%O2 |
| CO | 707C9R1 | 1.11e+4 | ppmv | 7%O2 | 9.64e+2 | lbs/hr | CE7%O2 |
| CO | 707C9R2 | 1.14e+4 | ppmv | 7%O2 | 1.03e+3 | lbs/hr | CE7%O2 |
| CO | 707C9R3 | 8.84e+3 | ppmv | 7%O2 | 8.66e+2 | lbs/hr | CE7%O2 |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 707A3R1 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A3R2 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A3R3 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A4R1 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A4R2 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A4R3 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A5R1 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A5R2 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A5R3 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A6R1 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A6R2 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707A6R3 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| Carbon Tetrachloride | 707C2R1 | 3.21e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 707C2R2 | 3.20e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C2R3 | 3.19e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C3R1 | 9.27e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C3R2 | 2.92e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C3R3 | 3.15e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C4R1 | 3.74e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C4R2 | 3.35e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C4R3 | 3.27e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C9R1 | 3.54e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C9R2 | 3.42e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 707C9R3 | 3.14e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707A3R1 | 0.00e+0 | | | 9.26e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A3R2 | 0.00e+0 | | | 1.06e-4 | lbs/hr | |
| o-Dichlorobenzene | 707A3R3 | 0.00e+0 | | | 2.78e-4 | lbs/hr | |
| o-Dichlorobenzene | 707A4R1 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A4R2 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A4R3 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A5R1 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A5R2 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A5R3 | 0.00e+0 | | | 2.65e-5 | lbs/hr | |
| o-Dichlorobenzene | 707A6R1 | 0.00e+0 | | | 1.61e-2 | lbs/hr | |
| o-Dichlorobenzene | 707A6R2 | 0.00e+0 | | | 2.57e-2 | lbs/hr | |
| o-Dichlorobenzene | 707A6R3 | 0.00e+0 | | | 1.17e-2 | lbs/hr | |
| o-Dichlorobenzene | 707C2R1 | 6.26e+3 | ng/dscm | 7%O2 | 5.16e-4 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C2R2 | 4.80e+2 | ng/dscm | 7%O2 | 3.97e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C2R3 | 3.19e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C3R1 | 3.47e+5 | ng/dscm | 7%O2 | 9.91e-3 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C3R2 | 3.05e+5 | ng/dscm | 7%O2 | 2.76e-2 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C3R3 | 1.68e+5 | ng/dscm | 7%O2 | 1.41e-2 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C4R1 | 3.74e+2 | ng/dscm | 7%O2 | 2.65e-5 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C4R2 | 1.03e+5 | ng/dscm | 7%O2 | 8.12e-3 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C4R3 | 2.98e+5 | ng/dscm | 7%O2 | 2.41e-2 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C9R1 | 2.90e+4 | ng/dscm | 7%O2 | 2.17e-3 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C9R2 | 6.84e+3 | ng/dscm | 7%O2 | 5.29e-4 | lbs/hr | CC7%O2 |
| o-Dichlorobenzene | 707C9R3 | 1.37e+4 | ng/dscm | 7%O2 | 1.15e-3 | lbs/hr | CC7%O2 |

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

5. Type: CONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Chlorine | 338C1R1 | | 5.95e-2 | ppmv | 7%O2 | 2.40e-2 | lbs/hr | CC7%O2 |
| Chlorine | 338C1R2 | ND | 4.84e-2 | ppmv | 7%O2 | 2.00e-2 | lbs/hr | CC7%O2 |
| Chlorine | 338C1R3 | ND | 4.83e-2 | ppmv | 7%O2 | 2.00e-2 | lbs/hr | CC7%O2 |
| Chlorine | 338C2R1 | ND | 5.94e-2 | ppmv | 7%O2 | 2.10e-2 | lbs/hr | CC7%O2 |
| Chlorine | 338C2R2 | ND | 4.97e-2 | ppmv | 7%O2 | 1.80e-2 | lbs/hr | CC7%O2 |
| Chlorine | 338C2R3 | ND | 4.95e-2 | ppmv | 7%O2 | 1.80e-2 | lbs/hr | CC7%O2 |
| HCl | 338C1R1 | ND | 1.45e-1 | ppmv | 7%O2 | 3.00e-2 | lbs/hr | CC7%O2 |
| HCl | 338C1R2 | ND | 1.37e-1 | ppmv | 7%O2 | 2.90e-2 | lbs/hr | CC7%O2 |
| HCl | 338C1R3 | ND | 1.27e-1 | ppmv | 7%O2 | 2.70e-2 | lbs/hr | CC7%O2 |
| HCl | 338C2R1 | ND | 1.65e-1 | ppmv | 7%O2 | 3.00e-2 | lbs/hr | CC7%O2 |
| HCl | 338C2R2 | ND | 1.61e-1 | ppmv | 7%O2 | 3.00e-2 | lbs/hr | CC7%O2 |
| HCl | 338C2R3 | ND | 1.55e-1 | ppmv | 7%O2 | 2.90e-2 | lbs/hr | CC7%O2 |

7. Category: Metals

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|---|
| Antimony | 338C1R1 | ND | 3.50e+1 | ug/dscm | 7%O2 | 4.80e-3 | lbs/hr | CC7%O2 |
| Antimony | 338C1R2 | ND | 3.13e+1 | ug/dscm | 7%O2 | 4.40e-3 | lbs/hr | CC7%O2 |
| Antimony | 338C1R3 | ND | 2.77e+1 | ug/dscm | 7%O2 | 3.90e-3 | lbs/hr | CC7%O2 |
| Antimony | 338C2R1 | ND | 3.91e+1 | ug/dscm | 7%O2 | 4.70e-3 | lbs/hr | CC7%O2 |
| Antimony | 338C2R2 | ND | 3.17e+1 | ug/dscm | 7%O2 | 3.90e-3 | lbs/hr | CC7%O2 |
| Antimony | 338C2R3 | ND | 3.64e+1 | ug/dscm | 7%O2 | 4.50e-3 | lbs/hr | CC7%O2 |
| Arsenic | 338C1R1 | ND | 2.33e+1 | ug/dscm | 7%O2 | 3.20e-3 | lbs/hr | CC7%O2 |
| Arsenic | 338C1R2 | ND | 2.06e+1 | ug/dscm | 7%O2 | 2.90e-3 | lbs/hr | CC7%O2 |
| Arsenic | 338C1R3 | ND | 1.85e+1 | ug/dscm | 7%O2 | 2.60e-3 | lbs/hr | CC7%O2 |
| Arsenic | 338C2R1 | ND | 2.58e+1 | ug/dscm | 7%O2 | 3.10e-3 | lbs/hr | CC7%O2 |
| Arsenic | 338C2R2 | ND | 2.11e+1 | ug/dscm | 7%O2 | 2.60e-3 | lbs/hr | CC7%O2 |
| Arsenic | 338C2R3 | ND | 2.43e+1 | ug/dscm | 7%O2 | 3.00e-3 | lbs/hr | CC7%O2 |
| Barium | 338C1R1 | | 2.19e+0 | ug/dscm | 7%O2 | 3.00e-4 | lbs/hr | CC7%O2 |
| Barium | 338C1R2 | | 2.85e+0 | ug/dscm | 7%O2 | 4.00e-4 | lbs/hr | CC7%O2 |
| Barium | 338C1R3 | | 2.13e+0 | ug/dscm | 7%O2 | 3.00e-4 | lbs/hr | CC7%O2 |
| Barium | 338C2R1 | | 4.16e+0 | ug/dscm | 7%O2 | 5.00e-4 | lbs/hr | CC7%O2 |
| Barium | 338C2R2 | | 4.06e+0 | ug/dscm | 7%O2 | 5.00e-4 | lbs/hr | CC7%O2 |
| Barium | 338C2R3 | | 2.43e+0 | ug/dscm | 7%O2 | 3.00e-4 | lbs/hr | CC7%O2 |
| Beryllium | 338C1R1 | ND | 1.46e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Beryllium | 338C1R2 | ND | 7.12e-1 | ug/dscm | 7%O2 | 1.00e-4 | lbs/hr | CC7%O2 |
| Beryllium | 338C1R3 | ND | 7.11e-1 | ug/dscm | 7%O2 | 1.00e-4 | lbs/hr | CC7%O2 |
| Beryllium | 338C2R1 | ND | 1.33e+0 | ug/dscm | 7%O2 | 1.60e-4 | lbs/hr | CC7%O2 |
| Beryllium | 338C2R2 | ND | 8.13e-1 | ug/dscm | 7%O2 | 1.00e-4 | lbs/hr | CC7%O2 |
| Beryllium | 338C2R3 | ND | 8.09e-1 | ug/dscm | 7%O2 | 1.00e-4 | lbs/hr | CC7%O2 |
| Cadmium | 338C1R1 | ND | 1.46e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Cadmium | 338C1R2 | ND | 1.42e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Cadmium | 338C1R3 | ND | 1.42e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Cadmium | 338C2R1 | ND | 1.66e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Cadmium | 338C2R2 | ND | 1.63e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Cadmium | 338C2R3 | ND | 1.62e+0 | ug/dscm | 7%O2 | 2.00e-4 | lbs/hr | CC7%O2 |
| Chromium | 338C1R1 | | 1.97e+1 | ug/dscm | 7%O2 | 2.70e-3 | lbs/hr | CC7%O2 |
| Chromium | 338C1R2 | | 1.14e+1 | ug/dscm | 7%O2 | 1.60e-3 | lbs/hr | CC7%O2 |
| Chromium | 338C1R3 | | 1.01e+2 | ug/dscm | 7%O2 | 1.42e-2 | lbs/hr | CC7%O2 |
| Chromium | 338C2R1 | | 1.50e+1 | ug/dscm | 7%O2 | 1.80e-3 | lbs/hr | CC7%O2 |
| Chromium | 338C2R2 | | 8.94e+0 | ug/dscm | 7%O2 | 1.10e-3 | lbs/hr | CC7%O2 |
| Chromium | 338C2R3 | | 1.05e+1 | ug/dscm | 7%O2 | 1.30e-3 | lbs/hr | CC7%O2 |
| Lead | 338C1R1 | ND | 2.92e+1 | ug/dscm | 7%O2 | 4.00e-3 | lbs/hr | CC7%O2 |
| Lead | 338C1R2 | ND | 2.63e+1 | ug/dscm | 7%O2 | 3.70e-3 | lbs/hr | CC7%O2 |

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Lead | 338C1R3 | ND | 2.28e+1 | ug/dscm | 7%O2 | 3.20e-3 | lbs/hr | CC7%O2 |
| Lead | 338C2R1 | ND | 3.24e+1 | ug/dscm | 7%O2 | 3.90e-3 | lbs/hr | CC7%O2 |
| Lead | 338C2R2 | ND | 2.68e+1 | ug/dscm | 7%O2 | 3.30e-3 | lbs/hr | CC7%O2 |
| Lead | 338C2R3 | ND | 2.99e+1 | ug/dscm | 7%O2 | 3.70e-3 | lbs/hr | CC7%O2 |
| Mercury | 338C1R1 | | 8.16e+0 | ug/dscm | 7%O2 | 1.12e-3 | lbs/hr | CC7%O2 |
| Mercury | 338C1R2 | | 3.15e+1 | ug/dscm | 7%O2 | 4.43e-3 | lbs/hr | CC7%O2 |
| Mercury | 338C1R3 | | 4.33e+1 | ug/dscm | 7%O2 | 6.09e-3 | lbs/hr | CC7%O2 |
| Mercury | 338C2R1 | | 1.03e+2 | ug/dscm | 7%O2 | 1.24e-2 | lbs/hr | CC7%O2 |
| Mercury | 338C2R2 | | 7.59e+1 | ug/dscm | 7%O2 | 9.34e-3 | lbs/hr | CC7%O2 |
| Mercury | 338C2R3 | | 8.96e+1 | ug/dscm | 7%O2 | 1.11e-2 | lbs/hr | CC7%O2 |
| Silver | 338C1R1 | ND | 1.17e+1 | ug/dscm | 7%O2 | 1.60e-3 | lbs/hr | CC7%O2 |
| Silver | 338C1R2 | ND | 1.07e+1 | ug/dscm | 7%O2 | 1.50e-3 | lbs/hr | CC7%O2 |
| Silver | 338C1R3 | ND | 9.24e+0 | ug/dscm | 7%O2 | 1.30e-3 | lbs/hr | CC7%O2 |
| Silver | 338C2R1 | ND | 1.33e+1 | ug/dscm | 7%O2 | 1.60e-3 | lbs/hr | CC7%O2 |
| Silver | 338C2R2 | ND | 1.06e+1 | ug/dscm | 7%O2 | 1.30e-3 | lbs/hr | CC7%O2 |
| Silver | 338C2R3 | ND | 1.21e+1 | ug/dscm | 7%O2 | 1.50e-3 | lbs/hr | CC7%O2 |
| Thallium | 338C1R1 | ND | 4.08e+1 | ug/dscm | 7%O2 | 5.60e-3 | lbs/hr | CC7%O2 |
| Thallium | 338C1R2 | ND | 3.63e+1 | ug/dscm | 7%O2 | 5.10e-3 | lbs/hr | CC7%O2 |
| Thallium | 338C1R3 | ND | 3.20e+1 | ug/dscm | 7%O2 | 4.50e-3 | lbs/hr | CC7%O2 |
| Thallium | 338C2R1 | ND | 4.57e+1 | ug/dscm | 7%O2 | 5.50e-3 | lbs/hr | CC7%O2 |
| Thallium | 338C2R2 | ND | 3.66e+1 | ug/dscm | 7%O2 | 4.50e-3 | lbs/hr | CC7%O2 |
| Thallium | 338C2R3 | ND | 4.21e+1 | ug/dscm | 7%O2 | 5.20e-3 | lbs/hr | CC7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 338C1R1 | 1.30e-3 | gr/dscf | 7%O2 | 4.00e-1 | lbs/hr | |
| Particulate | 338C1R2 | 2.00e-3 | gr/dscf | 7%O2 | 6.40e-1 | lbs/hr | |
| Particulate | 338C1R3 | 8.00e-4 | gr/dscf | 7%O2 | 2.70e-1 | lbs/hr | |
| Particulate | 338C2R1 | 1.70e-3 | gr/dscf | 7%O2 | 4.60e-1 | lbs/hr | |
| Particulate | 338C2R2 | 5.00e-4 | gr/dscf | 7%O2 | 1.30e-1 | lbs/hr | |
| Particulate | 338C2R3 | 1.20e-3 | gr/dscf | 7%O2 | 3.40e-1 | lbs/hr | |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 338C1R1 | 2.85e+0 | ppmv | 7%O2 | 4.54e-1 | lbs/hr | CE7%O2 |
| CO | 338C1R2 | 1.01e+0 | ppmv | 7%O2 | 1.65e-1 | lbs/hr | CE7%O2 |
| CO | 338C1R3 | 2.11e+0 | ppmv | 7%O2 | 3.44e-1 | lbs/hr | CE7%O2 |
| CO | 338C2R1 | 1.91e+0 | ppmv | 7%O2 | 2.67e-1 | lbs/hr | CE7%O2 |
| CO | 338C2R2 | 1.80e+0 | ppmv | 7%O2 | 2.57e-1 | lbs/hr | CE7%O2 |
| CO | 338C2R3 | 2.56e+0 | ppmv | 7%O2 | 3.68e-1 | lbs/hr | CE7%O2 |
| THC | 338C1R1 | 1.12e+0 | ppmv | 7%O2 | 2.80e-1 | lbs/hr | CE7%O2 |
| THC | 338C1R2 | 1.56e+0 | ppmv | 7%O2 | 4.00e-1 | lbs/hr | CE7%O2 |
| THC | 338C1R3 | 1.30e+0 | ppmv | 7%O2 | 3.33e-1 | lbs/hr | CE7%O2 |
| THC | 338C2R1 | 2.39e+0 | ppmv | 7%O2 | 5.25e-1 | lbs/hr | CE7%O2 |
| THC | 338C2R2 | 1.90e+0 | ppmv | 7%O2 | 4.27e-1 | lbs/hr | CE7%O2 |
| THC | 338C2R3 | 2.36e+0 | ppmv | 7%O2 | 5.33e-1 | lbs/hr | CE7%O2 |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 338C1R1 | 7.14e+3 | ng/dscm | 7%O2 | 9.79e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 338C1R2 | 2.82e+3 | ng/dscm | 7%O2 | 3.97e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 338C1R3 | 2.82e+3 | ng/dscm | 7%O2 | 3.97e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 338C2R1 | 1.76e+3 | ng/dscm | 7%O2 | 2.12e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 338C2R2 | ND 3.12e+3 | ng/dscm | 7%O2 | 3.84e-4 | lbs/hr | CC7%O2 |
| Carbon Tetrachloride | 338C2R3 | ND 3.32e+3 | ng/dscm | 7%O2 | 4.10e-4 | lbs/hr | CC7%O2 |
| Chlorobenzene | 338C1R1 | 5.98e+3 | ng/dscm | 7%O2 | 8.20e-4 | lbs/hr | CC7%O2 |
| Chlorobenzene | 338C1R2 | 2.17e+3 | ng/dscm | 7%O2 | 3.04e-4 | lbs/hr | CC7%O2 |

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

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 338C1R3 | | 6.58e+2 | ng/dscm | 7%O2 | 9.26e-5 | lbs/hr | CC7%O2 |
| Chlorobenzene | 338C2R1 | ND | 3.41e+3 | ng/dscm | 7%O2 | 4.10e-4 | lbs/hr | CC7%O2 |
| Chlorobenzene | 338C2R2 | ND | 3.12e+3 | ng/dscm | 7%O2 | 3.84e-4 | lbs/hr | CC7%O2 |
| Chlorobenzene | 338C2R3 | ND | 3.32e+3 | ng/dscm | 7%O2 | 4.10e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoroethane | 338C1R1 | ND | 2.70e+3 | ng/dscm | 7%O2 | 3.70e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoroethane | 338C1R2 | ND | 2.82e+3 | ng/dscm | 7%O2 | 3.97e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoroethane | 338C1R3 | ND | 2.82e+3 | ng/dscm | 7%O2 | 3.97e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoroethane | 338C2R1 | ND | 3.41e+3 | ng/dscm | 7%O2 | 4.10e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoroethane | 338C2R2 | ND | 3.12e+3 | ng/dscm | 7%O2 | 3.84e-4 | lbs/hr | CC7%O2 |
| Trichlorofluoroethane | 338C2R3 | ND | 3.32e+3 | ng/dscm | 7%O2 | 4.10e-4 | lbs/hr | CC7%O2 |

# SECTION 7: EMISSIONS ANALYSES

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

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 |
|---|---|---|---|---|---|---|
| TEQ | 915C2R1 | 3.22e-1 | ng/dscm 7%O2 | 3.28e-8 | lbs/hr | |
| TEQ | 915C2R2 | 2.17e-1 | ng/dscm 7%O2 | 1.93e-8 | lbs/hr | |
| TEQ | 915C2R3 | 1.76e-1 | ng/dscm 7%O2 | 1.75e-8 | lbs/hr | |
| TEQ | 915C3R1 | 6.33e-1 | ng/dscm 7%O2 | 5.64e-8 | lbs/hr | |
| TEQ | 915C3R2 | 5.67e-1 | ng/dscm 7%O2 | 4.74e-8 | lbs/hr | |
| TEQ | 915C3R3 | 8.37e-1 | ng/dscm 7%O2 | 7.06e-8 | lbs/hr | |

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | Mass Rate | | Calc |
|---|---|---|---|---|---|
| Chlorine | 915C1R1 | 0.00e+0 | 2.00e-1 | lbs/hr | |
| Chlorine | 915C1R2 | 0.00e+0 | 2.00e-1 | lbs/hr | |
| Chlorine | 915C1R3 | 0.00e+0 | 3.00e-1 | lbs/hr | |
| Chlorine | 915C2R1 | 0.00e+0 | 7.00e-1 | lbs/hr | |
| Chlorine | 915C2R2 | 0.00e+0 | 3.00e-1 | lbs/hr | |
| Chlorine | 915C2R3 | 0.00e+0 | 5.00e-1 | lbs/hr | |
| Chlorine | 915C3R1 | 0.00e+0 | 5.00e-1 | lbs/hr | |
| Chlorine | 915C3R2 | 0.00e+0 | 2.00e-1 | lbs/hr | |
| Chlorine | 915C3R3 | 0.00e+0 | 2.00e-1 | lbs/hr | |
| HCl | 915C1R1 | 0.00e+0 | 3.60e+0 | lbs/hr | |
| HCl | 915C1R2 | 0.00e+0 | 4.80e+0 | lbs/hr | |
| HCl | 915C1R3 | 0.00e+0 | 3.40e+0 | lbs/hr | |
| HCl | 915C2R1 | 0.00e+0 | 3.00e+0 | lbs/hr | |
| HCl | 915C2R2 | 0.00e+0 | 2.30e+0 | lbs/hr | |
| HCl | 915C2R3 | 0.00e+0 | 2.50e+0 | lbs/hr | |
| HCl | 915C3R1 | 0.00e+0 | 1.30e+0 | lbs/hr | |
| HCl | 915C3R2 | 0.00e+0 | 1.10e+0 | lbs/hr | |
| HCl | 915C3R3 | 0.00e+0 | 3.00e-1 | lbs/hr | |

7. Category: Metals

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| Antimony | 915C4R1 | 6.50e+2 | ug/dscm 7%O2 | 7.27e-2 | lbs/hr | 7%O2 |
| Antimony | 915C4R2 | 2.71e+2 | ug/dscm 7%O2 | 2.92e-2 | lbs/hr | 7%O2 |
| Antimony | 915C4R3 | 3.19e+2 | ug/dscm 7%O2 | 3.17e-2 | lbs/hr | 7%O2 |
| Arsenic | 915C1R1 | 5.79e+1 | ug/dscm 7%O2 | 6.40e-3 | lbs/hr | 7%O2 |
| Arsenic | 915C1R2 | 5.68e+1 | ug/dscm 7%O2 | 6.30e-3 | lbs/hr | 7%O2 |
| Arsenic | 915C1R3 | 3.66e+1 | ug/dscm 7%O2 | 3.80e-3 | lbs/hr | 7%O2 |
| Cadmium | 915C1R1 | 2.15e+2 | ug/dscm 7%O2 | 2.35e-2 | lbs/hr | 7%O2 |
| Cadmium | 915C1R2 | 7.26e+1 | ug/dscm 7%O2 | 8.00e-3 | lbs/hr | 7%O2 |
| Cadmium | 915C1R3 | 7.20e+1 | ug/dscm 7%O2 | 1.30e-2 | lbs/hr | 7%O2 |
| Chromium | 915C1R1 | 3.18e+2 | ug/dscm 7%O2 | 3.49e-2 | lbs/hr | 7%O2 |
| Chromium | 915C1R2 | 2.15e+2 | ug/dscm 7%O2 | 2.37e-2 | lbs/hr | 7%O2 |
| Chromium | 915C1R3 | 2.51e+2 | ug/dscm 7%O2 | 2.82e-2 | lbs/hr | 7%O2 |
| Chromium | 915C4R1 | 1.70e+2 | ug/dscm 7%O2 | 1.91e-2 | lbs/hr | 7%O2 |
| Chromium | 915C4R2 | 1.30e+2 | ug/dscm 7%O2 | 1.41e-2 | lbs/hr | 7%O2 |
| Chromium | 915C4R3 | 1.25e+2 | ug/dscm 7%O2 | 1.24e-2 | lbs/hr | 7%O2 |
| Chromium (Hex) | 915C1R1 | 5.85e+1 | ug/dscm 7%O2 | 6.00e-3 | lbs/hr | 7%O2 |
| Chromium (Hex) | 915C1R2 | 1.04e+2 | ug/dscm 7%O2 | 1.20e-1 | lbs/hr | 7%O2 |
| Chromium (Hex) | 915C1R3 | 3.22e+1 | ug/dscm 7%O2 | 7.00e-3 | lbs/hr | 7%O2 |
| Chromium (Hex) | 915C4R1 | 1.66e+1 | ug/dscm 7%O2 | 2.00e-3 | lbs/hr | 7%O2 |
| Chromium (Hex) | 915C4R2 | 1.20e+2 | ug/dscm 7%O2 | 1.10e-2 | lbs/hr | 7%O2 |
| Chromium (Hex) | 915C4R3 | 1.51e+1 | ug/dscm 7%O2 | 1.00e-3 | lbs/hr | 7%O2 |
| Lead | 915C1R1 | 1.01e+3 | ug/dscm 7%O2 | 1.11e-1 | lbs/hr | 7%O2 |

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

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Lead | 915C1R2 | 1.51e+3 | ug/dscm | 7%O2 | 1.67e-1 | lbs/hr | 7%O2 |
| Lead | 915C1R3 | 9.71e+2 | ug/dscm | 7%O2 | 1.26e-1 | lbs/hr | 7%O2 |
| Nickel | 915C1R1 | 3.20e+2 | ug/dscm | 7%O2 | 3.50e-2 | lbs/hr | 7%O2 |
| Nickel | 915C1R2 | 2.38e+2 | ug/dscm | 7%O2 | 2.63e-2 | lbs/hr | 7%O2 |
| Nickel | 915C1R3 | 2.89e+2 | ug/dscm | 7%O2 | 3.05e-2 | lbs/hr | 7%O2 |
| Silver | 915C4R1 | 1.00e+3 | ug/dscm | 7%O2 | 1.12e-1 | lbs/hr | 7%O2 |
| Silver | 915C4R2 | 1.32e+3 | ug/dscm | 7%O2 | 1.43e-1 | lbs/hr | 7%O2 |
| Silver | 915C4R3 | 1.28e+3 | ug/dscm | 7%O2 | 1.27e-1 | lbs/hr | 7%O2 |

7. Category: Particulate

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| Particulate | 915C1R1 | 7.40e-2 | gr/dscf | 7%O2 | 1.78e+1 | lbs/hr | |
| Particulate | 915C1R2 | 7.70e-2 | gr/dscf | 7%O2 | 1.92e+1 | lbs/hr | |
| Particulate | 915C1R3 | 7.80e-2 | gr/dscf | 7%O2 | 1.91e+1 | lbs/hr | |
| Particulate | 915C2R1 | 6.20e-2 | gr/dscf | 7%O2 | 1.54e+1 | lbs/hr | |
| Particulate | 915C2R2 | 6.00e-2 | gr/dscf | 7%O2 | 1.32e+1 | lbs/hr | |
| Particulate | 915C2R3 | 5.20e-2 | gr/dscf | 7%O2 | 1.18e+1 | lbs/hr | |
| Particulate | 915C3R1 | 1.50e-2 | gr/dscf | 7%O2 | 3.22e+0 | lbs/hr | |
| Particulate | 915C3R2 | 1.90e-2 | gr/dscf | 7%O2 | 4.02e+0 | lbs/hr | |
| Particulate | 915C3R3 | 3.70e-2 | gr/dscf | 7%O2 | 7.50e+0 | lbs/hr | |
| Particulate | 915C4R1 | 6.60e-2 | gr/dscf | 7%O2 | 1.67e+1 | lbs/hr | |
| Particulate | 915C4R2 | 7.00e-2 | gr/dscf | 7%O2 | 1.71e+1 | lbs/hr | |
| Particulate | 915C4R3 | 7.60e-2 | gr/dscf | 7%O2 | 1.71e+1 | lbs/hr | |

7. Category: SVOC

Analysis:

| 8. Substance | 9. Run ID | Concentration | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| 2-Methylphenol (o-Cresol) | 915C3R1 | ND | 0.00e+0 | 0.00e+0 | | |
| 2-Methylphenol (o-Cresol) | 915C3R2 | ND | 0.00e+0 | 0.00e+0 | | |
| 2-Methylphenol (o-Cresol) | 915C3R3 | | 0.00e+0 | 5.00e-4 | lbs/hr | |
| 4-Methylphenol (p-Cresol) | 915C3R1 | ND | 0.00e+0 | 0.00e+0 | | |
| 4-Methylphenol (p-Cresol) | 915C3R2 | ND | 0.00e+0 | 0.00e+0 | | |
| 4-Methylphenol (p-Cresol) | 915C3R3 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Acetophenone | 915C2R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Acetophenone | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Acetophenone | 915C2R3 | | 0.00e+0 | 9.00e-4 | lbs/hr | |
| Acetophenone | 915C3R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Acetophenone | 915C3R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Acetophenone | 915C3R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Benzoic acid | 915C2R1 | ND | 0.00e+0 | 0.00e+0 | | |
| Benzoic acid | 915C2R2 | | 0.00e+0 | 2.00e-3 | lbs/hr | |
| Benzoic acid | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Benzoic acid | 915C3R1 | | 0.00e+0 | 2.20e-3 | lbs/hr | |
| Benzoic acid | 915C3R2 | | 0.00e+0 | 4.70e-3 | lbs/hr | |
| Benzoic acid | 915C3R3 | | 0.00e+0 | 4.20e-3 | lbs/hr | |
| Benzyl alcohol | 915C2R1 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Benzyl alcohol | 915C2R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Benzyl alcohol | 915C2R3 | | 0.00e+0 | 1.00e-3 | lbs/hr | |
| Benzyl alcohol | 915C3R1 | | 0.00e+0 | 7.00e-4 | lbs/hr | |
| Benzyl alcohol | 915C3R2 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| Benzyl alcohol | 915C3R3 | | 0.00e+0 | 1.20e-3 | lbs/hr | |
| bis(2-ethylexyl) Phthalate | 915C2R1 | | 0.00e+0 | 9.00e-4 | lbs/hr | |
| bis(2-ethylexyl) Phthalate | 915C2R2 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| bis(2-ethylexyl) Phthalate | 915C2R3 | | 0.00e+0 | 1.40e-3 | lbs/hr | |
| bis(2-ethylexyl) Phthalate | 915C3R1 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| bis(2-ethylexyl) Phthalate | 915C3R2 | | 0.00e+0 | 1.80e-3 | lbs/hr | |
| bis(2-ethylexyl) Phthalate | 915C3R3 | | 0.00e+0 | 1.50e-3 | lbs/hr | |
| Dibutylphthalate | 915C2R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Dibutylphthalate | 915C2R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Dibutylphthalate | 915C2R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Dibutylphthalate | 915C3R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Dibutylphthalate | 915C3R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Dibutylphthalate | 915C3R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Diethylphthalate | 915C2R1 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Diethylphthalate | 915C2R2 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Diethylphthalate | 915C2R3 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Diethylphthalate | 915C3R1 | | 0.00e+0 | 7.00e-4 | lbs/hr | |
| Diethylphthalate | 915C3R2 | | 0.00e+0 | 1.30e-3 | lbs/hr | |
| Diethylphthalate | 915C3R3 | | 0.00e+0 | 9.00e-4 | lbs/hr | |
| Ethylbenzene | 915C2R1 | | 0.00e+0 | 7.00e-4 | lbs/hr | |
| Ethylbenzene | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Ethylbenzene | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Nitrobenzene | 915C2R1 | ND | 0.00e+0 | 0.00e+0 | | |
| Nitrobenzene | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Nitrobenzene | 915C2R3 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| Nitrobenzene | 915C3R1 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Nitrobenzene | 915C3R2 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Nitrobenzene | 915C3R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |

7. Category: THC & CO

Analysis:

| 8. Substance | 9. Run ID | Concentration | | | Mass Rate | | Calc |
|---|---|---|---|---|---|---|---|
| CO | 915C1R1 | 1.00e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C1R2 | 1.00e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C1R3 | 1.00e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C2R1 | 1.10e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C2R2 | 1.22e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C2R3 | 6.85e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C3R1 | 1.25e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C3R2 | 9.68e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C3R3 | 1.04e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C4R1 | 1.35e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C4R2 | 6.00e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| CO | 915C4R3 | 9.20e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C1R1 | 1.05e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C1R2 | 1.36e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C1R3 | 1.84e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C2R1 | 1.62e+3 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C2R2 | 2.63e+3 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C2R3 | 6.80e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C3R1 | 2.16e+3 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C3R2 | 5.40e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C3R3 | 9.29e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C4R1 | 7.35e+2 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C4R2 | 6.00e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| CO(MHRA) | 915C4R3 | 1.10e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C1R1 | 3.30e-1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C1R2 | 3.30e-1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C1R3 | 4.20e-1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C2R1 | 9.00e-2 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C2R2 | 4.50e-1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C2R3 | 2.70e-1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C3R1 | 1.05e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C3R2 | 1.71e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| THC | 915C3R3 | 9.60e-1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC(MHRA) | 915C1R1 | 3.33e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC(MHRA) | 915C1R2 | 4.50e+0 | ppmv | 7%O2 | 0.00e+0 | | |
| THC(MHRA) | 915C1R3 | 2.64e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC(MHRA) | 915C2R1 | 1.95e+1 | ppmv | 7%O2 | 0.00e+0 | | |
| THC(MHRA) | 915C2R2 | 2.34e+1 | ppmv | 7%O2 | 0.00e+0 | | |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| THC(MHRA) | 915C2R3 | | 6.00e+0 | ppmv 7%O2 | 0.00e+0 | |
| THC(MHRA) | 915C3R1 | | 2.76e+1 | ppmv 7%O2 | 0.00e+0 | |
| THC(MHRA) | 915C3R2 | | 4.20e+0 | ppmv 7%O2 | 0.00e+0 | |
| THC(MHRA) | 915C3R3 | | 1.86e+1 | ppmv 7%O2 | 0.00e+0 | |

7. Category: VOC

Analysis:

| 8. Substance | 9. Run ID | | Concentration | Mass Rate | | Calc |
|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 915C2R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1,1-Trichloroethane | 915C2R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1,1-Trichloroethane | 915C2R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1,1-Trichloroethane | 915C3R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1,1-Trichloroethane | 915C3R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1,1-Trichloroethane | 915C3R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1-Dichloroethene | 915C2R1 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| 1,1-Dichloroethene | 915C2R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1-Dichloroethene | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| 1,1-Dichloroethene | 915C3R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,1-Dichloroethene | 915C3R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| 1,1-Dichloroethene | 915C3R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,2-Dichloroethane | 915C2R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| 1,2-Dichloroethane | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| 1,2-Dichloroethane | 915C2R3 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Acetone | 915C2R1 | | 0.00e+0 | 1.57e-2 | lbs/hr | |
| Acetone | 915C2R2 | | 0.00e+0 | 2.10e-3 | lbs/hr | |
| Acetone | 915C2R3 | | 0.00e+0 | 7.00e-3 | lbs/hr | |
| Acetone | 915C3R1 | | 0.00e+0 | 1.00e-3 | lbs/hr | |
| Acetone | 915C3R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Acetone | 915C3R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Benzene | 915C2R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Benzene | 915C2R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Benzene | 915C2R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Benzene | 915C3R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Benzene | 915C3R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Benzene | 915C3R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Bromodichloromethane | 915C2R1 | | 0.00e+0 | 4.10e-3 | lbs/hr | |
| Bromodichloromethane | 915C2R2 | | 0.00e+0 | 3.50e-3 | lbs/hr | |
| Bromodichloromethane | 915C2R3 | | 0.00e+0 | 2.50e-3 | lbs/hr | |
| Bromodichloromethane | 915C3R1 | | 0.00e+0 | 2.10e-3 | lbs/hr | |
| Bromodichloromethane | 915C3R2 | | 0.00e+0 | 1.20e-3 | lbs/hr | |
| Bromodichloromethane | 915C3R3 | | 0.00e+0 | 1.30e-3 | lbs/hr | |
| Bromoform | 915C2R1 | | 0.00e+0 | 5.00e-4 | lbs/hr | |
| Bromoform | 915C2R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Bromoform | 915C2R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Bromoform | 915C3R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Bromoform | 915C3R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Bromoform | 915C3R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Bromomethane | 915C3R1 | ND | 0.00e+0 | 0.00e+0 | | |
| Bromomethane | 915C3R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Bromomethane | 915C3R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Carbon disulfide | 915C2R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Carbon disulfide | 915C2R2 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Carbon disulfide | 915C2R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Carbon disulfide | 915C3R1 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Carbon disulfide | 915C3R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Carbon disulfide | 915C3R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Carbon Tetrachloride | 915C1R1 | | 0.00e+0 | 5.00e-4 | lbs/hr | |
| Carbon Tetrachloride | 915C1R2 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Carbon Tetrachloride | 915C1R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Carbon Tetrachloride | 915C2R1 | | 0.00e+0 | 1.30e-3 | lbs/hr | |
| Carbon Tetrachloride | 915C2R2 | | 0.00e+0 | 7.00e-4 | lbs/hr | |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Carbon Tetrachloride | 915C2R3 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Carbon Tetrachloride | 915C3R1 | | 0.00e+0 | 1.00e-3 | lbs/hr | |
| Carbon Tetrachloride | 915C3R2 | | 0.00e+0 | 5.00e-4 | lbs/hr | |
| Carbon Tetrachloride | 915C3R3 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Chlorobenzene | 915C1R1 | | 0.00e+0 | 7.00e-4 | lbs/hr | |
| Chlorobenzene | 915C1R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Chlorobenzene | 915C1R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Chlorobenzene | 915C2R1 | | 0.00e+0 | 2.20e-3 | lbs/hr | |
| Chlorobenzene | 915C2R2 | | 0.00e+0 | 1.60e-3 | lbs/hr | |
| Chlorobenzene | 915C2R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Chlorobenzene | 915C3R1 | | 0.00e+0 | 1.20e-3 | lbs/hr | |
| Chlorobenzene | 915C3R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Chlorobenzene | 915C3R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Chloroform | 915C2R1 | | 0.00e+0 | 3.60e-3 | lbs/hr | |
| Chloroform | 915C2R2 | | 0.00e+0 | 3.90e-3 | lbs/hr | |
| Chloroform | 915C2R3 | | 0.00e+0 | 4.20e-3 | lbs/hr | |
| Chloroform | 915C3R1 | | 0.00e+0 | 4.20e-3 | lbs/hr | |
| Chloroform | 915C3R2 | | 0.00e+0 | 2.70e-3 | lbs/hr | |
| Chloroform | 915C3R3 | | 0.00e+0 | 2.50e-3 | lbs/hr | |
| Chloromethane | 915C2R1 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| Chloromethane | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Chloromethane | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Chloromethane | 915C3R1 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| Chloromethane | 915C3R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Chloromethane | 915C3R3 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Dibromochloromethane | 915C2R1 | | 0.00e+0 | 1.30e-3 | lbs/hr | |
| Dibromochloromethane | 915C2R2 | | 0.00e+0 | 1.20e-3 | lbs/hr | |
| Dibromochloromethane | 915C2R3 | | 0.00e+0 | 1.00e-3 | lbs/hr | |
| Dibromochloromethane | 915C3R1 | | 0.00e+0 | 9.00e-4 | lbs/hr | |
| Dibromochloromethane | 915C3R2 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Dibromochloromethane | 915C3R3 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Dichlorodifluoromethane | 915C2R1 | | 0.00e+0 | 2.40e-3 | lbs/hr | |
| Dichlorodifluoromethane | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Dichlorodifluoromethane | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Dichlorodifluoromethane | 915C3R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Dichlorodifluoromethane | 915C3R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Dichlorodifluoromethane | 915C3R3 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| m,p-Xylene | 915C2R1 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| m,p-Xylene | 915C2R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| m,p-Xylene | 915C2R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| m,p-Xylene | 915C3R1 | ND | 0.00e+0 | 0.00e+0 | | |
| m,p-Xylene | 915C3R2 | ND | 0.00e+0 | 0.00e+0 | | |
| m,p-Xylene | 915C3R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Methylene Chloride | 915C2R1 | | 0.00e+0 | 1.16e-2 | lbs/hr | |
| Methylene Chloride | 915C2R2 | | 0.00e+0 | 4.00e-3 | lbs/hr | |
| Methylene Chloride | 915C2R3 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Methylene Chloride | 915C3R1 | | 0.00e+0 | 2.30e-3 | lbs/hr | |
| Methylene Chloride | 915C3R2 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| Methylene Chloride | 915C3R3 | | 0.00e+0 | 2.50e-3 | lbs/hr | |
| o-Xylene | 915C2R1 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| o-Xylene | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| o-Xylene | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Styrene | 915C2R1 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Styrene | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Styrene | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Tetrachloroethene | 915C2R1 | | 0.00e+0 | 1.00e-3 | lbs/hr | |
| Tetrachloroethene | 915C2R2 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Tetrachloroethene | 915C2R3 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Tetrachloroethene | 915C3R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Tetrachloroethene | 915C3R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Tetrachloroethene | 915C3R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |

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

| | | | | | | |
|---|---|---|---|---|---|---|
| Toluene | 915C1R1 | 2 | 0.00e+0 | 1.39e-2 | lbs/hr | |
| Toluene | 915C1R2 | | 0.00e+0 | 2.20e-3 | lbs/hr | |
| Toluene | 915C1R3 | | 0.00e+0 | 6.70e-3 | lbs/hr | |
| Toluene | 915C2R1 | | 0.00e+0 | 2.50e-3 | lbs/hr | |
| Toluene | 915C2R2 | | 0.00e+0 | 1.60e-3 | lbs/hr | |
| Toluene | 915C2R3 | | 0.00e+0 | 5.00e-4 | lbs/hr | |
| Toluene | 915C3R1 | | 0.00e+0 | 8.00e-4 | lbs/hr | |
| Toluene | 915C3R2 | | 0.00e+0 | 3.00e-4 | lbs/hr | |
| Toluene | 915C3R3 | | 0.00e+0 | 4.00e-4 | lbs/hr | |
| Trichlorofluoromethane | 915C2R1 | | 0.00e+0 | 6.00e-4 | lbs/hr | |
| Trichlorofluoromethane | 915C2R2 | | 0.00e+0 | 5.00e-4 | lbs/hr | |
| Trichlorofluoromethane | 915C2R3 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Trichlorofluoromethane | 915C3R1 | ND | 0.00e+0 | 0.00e+0 | | |
| Trichlorofluoromethane | 915C3R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Trichlorofluoromethane | 915C3R3 | | 0.00e+0 | 1.00e-4 | lbs/hr | |
| Vinyl Chloride | 915C2R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Vinyl Chloride | 915C2R2 | ND | 0.00e+0 | 0.00e+0 | | |
| Vinyl Chloride | 915C2R3 | ND | 0.00e+0 | 0.00e+0 | | |
| Vinyl Chloride | 915C3R1 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Vinyl Chloride | 915C3R2 | | 0.00e+0 | 2.00e-4 | lbs/hr | |
| Vinyl Chloride | 915C3R3 | ND | 0.00e+0 | 0.00e+0 | | |

5. Type: UNCONTROLLED

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

7. Category: Halogens

Analysis:

| 8. Substance | 9. Run ID | Concentration | Mass Rate | | Calc |
|---|---|---|---|---|---|
| Chlorine | 915C1R1 | 0.00e+0 | 6.40e+0 | lbs/hr | |
| Chlorine | 915C1R2 | 0.00e+0 | 7.20e+0 | lbs/hr | |
| Chlorine | 915C1R3 | 0.00e+0 | 4.10e+0 | lbs/hr | |
| Chlorine | 915C2R1 | 0.00e+0 | 3.00e+0 | lbs/hr | |
| Chlorine | 915C2R2 | 0.00e+0 | 2.30e+0 | lbs/hr | |
| Chlorine | 915C2R3 | 0.00e+0 | 5.00e-1 | lbs/hr | |
| Chlorine | 915C3R1 | 0.00e+0 | 4.90e+0 | lbs/hr | |
| Chlorine | 915C3R2 | 0.00e+0 | 9.00e-1 | lbs/hr | |
| Chlorine | 915C3R3 | 0.00e+0 | 7.20e+0 | lbs/hr | |
| HCl | 915C1R1 | 0.00e+0 | 1.26e+3 | lbs/hr | |
| HCl | 915C1R2 | 0.00e+0 | 1.40e+3 | lbs/hr | |
| HCl | 915C1R3 | 0.00e+0 | 1.47e+3 | lbs/hr | |
| HCl | 915C2R1 | 0.00e+0 | 1.10e+3 | lbs/hr | |
| HCl | 915C2R2 | 0.00e+0 | 9.15e+2 | lbs/hr | |
| HCl | 915C2R3 | 0.00e+0 | 9.02e+2 | lbs/hr | |
| HCl | 915C3R1 | 0.00e+0 | 7.54e+2 | lbs/hr | |
| HCl | 915C3R2 | 0.00e+0 | 9.10e+2 | lbs/hr | |
| HCl | 915C3R3 | 0.00e+0 | 8.01e+2 | lbs/hr | |