

Emission Year: 2017
 Primary Facility Id: 50751 ERIE COKE CORP/ERIE PLT
 Tax Id/Plant: 25-1547051-7

Carbon Monoxide CAS# 630080 [CO]

| Source | SCC | Stack | Reliability | Amount TPY |
|------------------------------|-------------|-------|-------------|----------------|
| 031 | * | S031 | SEE COMMENT | 5.0000 |
| 032 | * | S032 | SEE COMMENT | 5.5000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 4.5000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 10.2000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.7000 |
| 807 | 3-03-003-14 | Z807 | SEE COMMENT | 0.1000 |
| Total CO Source Emissions: | | | | 26.0000 |
| Total CO Facility Emissions: | | | | 26.0000 |

Nitrogen Oxides CAS# 10102440 [NOX]

| Source | SCC | Stack | Reliability | Amount TPY |
|-------------------------------|-------------|-------|-------------|----------------|
| 031 | * | S031 | SEE COMMENT | 16.9300 |
| 032 | * | S032 | SEE COMMENT | 21.7000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 1.4000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 28.3300 |
| Total NOX Source Emissions: | | | | 68.3600 |
| Total NOX Facility Emissions: | | | | 68.3600 |

Particulate Matter < 10 Microns [PM10]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|----------------|
| 031 | * | S031 | SEE COMMENT | 0.2000 |
| 032 | * | S032 | SEE COMMENT | 0.6000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 1.8000 |
| 803 | 3-03-003-04 | Z803 | SEE COMMENT | 2.2000 |
| 804 | 3-03-003-05 | Z804 | SEE COMMENT | 2.0000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 10.1000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.3000 |
| 807 | 3-03-003-14 | Z807 | SEE COMMENT | 1.1000 |
| 808 | 3-03-003-12 | Z808 | SEE COMMENT | 2.4000 |
| Total PM10 Source Emissions: | | | | 20.7000 |
| Total PM10 Facility Emissions: | | | | 25.3000 |

Particulate Matter < 2.5 Microns [PM25]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------|-------------|-------|-------------|------------|
| 031 | * | S031 | SEE COMMENT | 0.2000 |
| 032 | * | S032 | SEE COMMENT | 0.6000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 1.1000 |
| 803 | 3-03-003-04 | Z803 | SEE COMMENT | 1.3000 |
| 804 | 3-03-003-05 | Z804 | SEE COMMENT | 0.4000 |

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Particulate Matter < 2.5 Microns [PM25]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|----------------|
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 9.8000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.2000 |
| 807 | 3-03-003-14 | Z807 | SEE COMMENT | 1.1000 |
| 808 | 3-03-003-12 | Z808 | SEE COMMENT | 0.4000 |
| Total PM25 Source Emissions: | | | | 15.1000 |
| Total PM25 Facility Emissions: | | | | 15.8000 |

Sulfur Oxides CAS# 7446095 [SOX]

| Source | SCC | Stack | Reliability | Amount TPY |
|-------------------------------|-------------|-------|-------------|----------------|
| 031 | * | S031 | SEE COMMENT | 7.8000 |
| 032 | * | S032 | SEE COMMENT | 9.9000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 7.0000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 72.0000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 1.1000 |
| 807 | 3-03-003-14 | Z807 | SEE COMMENT | 0.2000 |
| Total SOX Source Emissions: | | | | 98.0000 |
| Total SOX Facility Emissions: | | | | 98.1000 |

Volatile Organic Compounds [VOC]

| Source | SCC | Stack | Reliability | Amount TPY |
|-------------------------------|-------------|-------|-------------|----------------|
| 031 | * | S031 | SEE COMMENT | 0.4000 |
| 032 | * | S032 | SEE COMMENT | 0.9000 |
| 101 | 4-01-002-01 | Z101 | SEE COMMENT | 0.7000 |
| 801 | 3-03-003-02 | Z801 | SEE COMMENT | 0.1000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 5.5000 |
| 803 | 3-03-003-04 | Z803 | SEE COMMENT | 1.4000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 11.0000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 1.3000 |
| 807 | 3-03-003-14 | Z807 | SEE COMMENT | 0.2000 |
| 904 | 3-03-003-15 | S805A | SEE COMMENT | 0.0980 |
| 904 | 3-03-003-15 | Z904 | SEE COMMENT | 0.0010 |
| Total VOC Source Emissions: | | | | 21.5990 |
| Total VOC Facility Emissions: | | | | 22.9000 |

Ethylene CAS# 74851 [A271]

| Source | SCC | Stack | Reliability | Amount TPY |
|------------------------------|-------------|-------|-------------|---------------|
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.5000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.2000 |
| Total A271 Source Emissions: | | | | 0.7000 |

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| Ethylene CAS# 74851 [A271] | | | | |
|-----------------------------------|-----|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| Total A271 Facility Emissions: | | | | 0.7000 |

| Hydrocyanic Acid CAS# 74908 [A281] | | | | |
|---|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.3000 |
| Total A281 Source Emissions: | | | | 0.3000 |
| Total A281 Facility Emissions: | | | | 0.3000 |

| Hydrogen Sulfide CAS# 7783064 [A286] | | | | |
|---|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.1000 |
| Total A286 Source Emissions: | | | | 0.1000 |
| Total A286 Facility Emissions: | | | | 0.1000 |

| Methane CAS# 74828 [A303] | | | | |
|----------------------------------|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 031 | * | S031 | SEE COMMENT | 0.1000 |
| 032 | * | S032 | SEE COMMENT | 0.2000 |
| 801 | 3-03-003-02 | Z801 | SEE COMMENT | 0.1000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.2000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 1.6000 |
| Total A303 Source Emissions: | | | | 2.2000 |
| Total A303 Facility Emissions: | | | | 2.2000 |

| Propylene CAS# 115071 [A330] | | | | |
|-------------------------------------|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.1000 |
| Total A330 Source Emissions: | | | | 0.1000 |
| Total A330 Facility Emissions: | | | | 0.1000 |

| Ammonia CAS# 7664417 [A401] | | | | |
|------------------------------------|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.9000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.1000 |
| Total A401 Source Emissions: | | | | 1.0000 |
| Total A401 Facility Emissions: | | | | 1.0000 |

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| Carbon Dioxide CAS# 124389 [CO2] | | | | |
|---|-------------|-------|-------------|--------------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 031 | * | S031 | SEE COMMENT | 8,914.2000 |
| 032 | * | S032 | SEE COMMENT | 11,875.5000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 1,141.7000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 20,029.0000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.3000 |
| Total CO2 Source Emissions: | | | | 41,960.7000 |
| Total CO2 Facility Emissions: | | | | 41,960.7000 |

| Coke Oven Emissions CAS# 8007452 [H005] | | | | |
|--|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 803 | 3-03-003-04 | Z803 | SEE COMMENT | 0.1000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.3000 |
| Total H005 Source Emissions: | | | | 0.4000 |
| Total H005 Facility Emissions: | | | | 0.4000 |

| Nitrous Oxide (N2O) CAS# 10024972 [N2O] | | | | |
|--|-----|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 031 | * | S031 | SEE COMMENT | 0.1000 |
| 032 | * | S032 | SEE COMMENT | 0.1000 |
| Total N2O Source Emissions: | | | | 0.2000 |
| Total N2O Facility Emissions: | | | | 0.2000 |

| Particulate Matter, Condensable [PMCN] | | | | |
|---|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.3000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 6.3000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.5000 |
| Total PMCN Source Emissions: | | | | 7.1000 |
| Total PMCN Facility Emissions: | | | | 7.1000 |

| 1,3-Butadiene CAS# 106990 [T009] | | | | |
|---|-------------|-------|-------------|---------------|
| Source | SCC | Stack | Reliability | Amount TPY |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.2000 |
| Total T009 Source Emissions: | | | | 0.2000 |
| Total T009 Facility Emissions: | | | | 0.2000 |

| Carbon Disulfide CAS# 75150 [T063] | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

* Source Emission entered at source level. Multiple SCCs may exist.

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Carbon Disulfide CAS# 75150 [T063]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.2000 |
| Total T063 Source Emissions: | | | | 0.2000 |
| Total T063 Facility Emissions: | | | | 0.2000 |

Hexane CAS# 110543 [T117]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-----|-------|-------------|---------------|
| 032 | * | S032 | SEE COMMENT | 0.1000 |
| Total T117 Source Emissions: | | | | 0.1000 |
| Total T117 Facility Emissions: | | | | 0.1000 |

Hydrochloric Acid CAS# 7647010 [T119]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 032 | * | S032 | SEE COMMENT | 0.1000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 2.6000 |
| Total T119 Source Emissions: | | | | 2.7000 |
| Total T119 Facility Emissions: | | | | 2.7000 |

Methanol CAS# 67561 [T130]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 031 | * | S031 | SEE COMMENT | 0.1000 |
| 032 | * | S032 | SEE COMMENT | 0.1000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.2000 |
| Total T130 Source Emissions: | | | | 0.4000 |
| Total T130 Facility Emissions: | | | | 0.4000 |

Methyl Chloride (Chloromethane) CAS# 74873 [T133]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 031 | * | S031 | SEE COMMENT | 0.1000 |
| 032 | * | S032 | SEE COMMENT | 0.2000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.3000 |
| Total T133 Source Emissions: | | | | 0.6000 |
| Total T133 Facility Emissions: | | | | 0.6000 |

Naphthalene CAS# 91203 [T148]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-----|-------|-------------|---------------|
| Total T148 Facility Emissions: | | | | 0.6000 |

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Phenol CAS# 108952 [T161]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.1000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.1000 |
| Total T161 Source Emissions: | | | | 0.2000 |
| Total T161 Facility Emissions: | | | | 0.2000 |

Toluene CAS# 108883 [T180]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 031 | * | S031 | SEE COMMENT | 0.1000 |
| 032 | * | S032 | SEE COMMENT | 0.1000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.1000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.3000 |
| Total T180 Source Emissions: | | | | 0.6000 |
| Total T180 Facility Emissions: | | | | 0.6000 |

Xylenes (Isomers And Mixture) CAS# 1330207 [T189]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 031 | * | S031 | SEE COMMENT | 0.1000 |
| 032 | * | S032 | SEE COMMENT | 0.2000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.1000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 0.5000 |
| Total T189 Source Emissions: | | | | 0.9000 |
| Total T189 Facility Emissions: | | | | 0.9000 |

Benzene CAS# 71432 [T234]

| Source | SCC | Stack | Reliability | Amount TPY |
|--------------------------------|-------------|-------|-------------|---------------|
| 032 | * | S032 | SEE COMMENT | 0.2000 |
| 802 | 3-03-003-03 | S802 | SEE COMMENT | 0.3000 |
| 805 | 3-90-007-02 | S805A | SEE COMMENT | 1.4000 |
| 806 | 3-03-003-08 | Z806 | SEE COMMENT | 0.1000 |
| Total T234 Source Emissions: | | | | 2.0000 |
| Total T234 Facility Emissions: | | | | 2.2000 |