

Emission Year: 2016
 Primary Facility Id: 50751 ERIE COKE CORP/ERIE PLT
 Tax Id/Plant: 25-1547051-7

031 - ERIE CITY BOILER 1

Pollutant	CAS#	Reliability Code	Amount TPY
Ammonia	7664417	C RATED FACTOR	0.1189
CO	630080	STACK TEST	15.4000
NOX	10102440	STACK TEST	18.6000
PM2.5		RATED EFFICIENCY	0.1000
SOX	7446095	RATED EFFICIENCY	3.1000
VOC		RATED EFFICIENCY	0.2000
└ Benzene	71432	B RATED FACTOR	0.0001
└ Butane	106978	E RATED FACTOR	0.0780
└ Formaldehyde	50000	B RATED FACTOR	0.0026
└ Hexane	110543	E RATED FACTOR	0.0669
└ Pentane	109660	E RATED FACTOR	0.0966
└ Propane	74986	E RATED FACTOR	0.0594
└ Toluene	108883	C RATED FACTOR	0.0001
PM10		RATED EFFICIENCY	0.1000
└ Barium	7440393	D RATED FACTOR	0.0002
└ Chromium	7440473	D RATED FACTOR	0.0001
└ Nickel	7440020	C RATED FACTOR	0.0001
└ Vanadium	7440622	D RATED FACTOR	0.0001
└ Zinc	7440666	E RATED FACTOR	0.0007
Carbon Dioxide	124389	RATED EFFICIENCY	9,268.7000
Ethane	74840	E RATED FACTOR	0.1152
Methane	74828	RATED EFFICIENCY	0.1000
Nitrous Oxide	10024972	RATED EFFICIENCY	0.1000

VOC/PM10 Summary

Sum of VOC HAPS: 0.3037

Sum of PM10 HAPS: 0.0012

032 - ERIE CITY BOILER 2

Pollutant	CAS#	Reliability Code	Amount TPY
Ammonia	7664417	C RATED FACTOR	0.1313
CO	630080	STACK TEST	12.9000
NOX	10102440	STACK TEST	23.3000

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032 - ERIE CITY BOILER 2			
Pollutant	CAS#	Reliability Code	Amount TPY
PM2.5		RATED EFFICIENCY	0.5000
SOX	7446095	RATED EFFICIENCY	4.2000
VOC		RATED EFFICIENCY	0.3000
└ Benzene	71432	B RATED FACTOR	0.0001
└ Butane	106978	E RATED FACTOR	0.0862
└ Formaldehyde	50000	B RATED FACTOR	0.0029
└ Hexane	110543	E RATED FACTOR	0.0739
└ Pentane	109660	E RATED FACTOR	0.1067
└ Propane	74986	E RATED FACTOR	0.0657
└ Toluene	108883	C RATED FACTOR	0.0001
PM10		RATED EFFICIENCY	0.5000
└ Barium	7440393	D RATED FACTOR	0.0002
└ Chromium	7440473	D RATED FACTOR	0.0001
└ Nickel	7440020	C RATED FACTOR	0.0001
└ Vanadium	7440622	D RATED FACTOR	0.0001
└ Zinc	7440666	E RATED FACTOR	0.0008
Carbon Dioxide	124389	RATED EFFICIENCY	11,420.6000
Ethane	74840	E RATED FACTOR	0.1272
Methane	74828	RATED EFFICIENCY	0.2000
Nitrous Oxide	10024972	RATED EFFICIENCY	0.1000
VOC/PM10 Summary			
Sum of VOC HAPS: 0.3356		Sum of PM10 HAPS: 0.0013	

101 - PARTS CLEANER			
Pollutant	CAS#	Reliability Code	Amount TPY
VOC		RATED EFFICIENCY	4.2000
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS:	

801 - COKE OVEN BATTERY - CHARGING OPERATIONS			
Pollutant	CAS#	Reliability Code	Amount TPY
NOX	10102440	C RATED FACTOR	1.7835

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801 - COKE OVEN BATTERY - CHARGING OPERATIONS			
Pollutant	CAS#	Reliability Code	Amount TPY
SOX	7446095	C RATED FACTOR	1.1890
PM10		U UNRATED FACTOR	0.5945
└ Coke Oven Emissions	8007452	U UNRATED FACTOR	5.9451
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS: 5.9451	

802 - COKE OVEN BATTERY - PUSHING OPERATIONS			
Pollutant	CAS#	Reliability Code	Amount TPY
Ammonia	7664417	RATED EFFICIENCY	0.7000
CO	630080	RATED EFFICIENCY	3.7000
NOX	10102440	RATED EFFICIENCY	1.1000
PM2.5		STACK TEST	0.8000
SOX	7446095	RATED EFFICIENCY	5.8000
VOC		RATED EFFICIENCY	4.6000
PM10		STACK TEST	1.2000
Carbon Dioxide	124389	RATED EFFICIENCY	951.2000
PM-CON		STACK TEST	0.2000
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS:	

803 - COKE QUENCHING OPERATIONS			
Pollutant	CAS#	Reliability Code	Amount TPY
PM2.5		RATED EFFICIENCY	1.1000
VOC		RATED EFFICIENCY	1.2000
PM10		RATED EFFICIENCY	1.8000
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS:	

804 - COAL UNLOADING			
Pollutant	CAS#	Reliability Code	Amount TPY
PM2.5		RATED EFFICIENCY	0.4000
PM10		RATED EFFICIENCY	2.0000

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804 - COAL UNLOADING	
VOC/PM10 Summary	
Sum of VOC HAPS:	Sum of PM10 HAPS:

805 - COKE OVEN BATTERY - UNDERFIRING SYSTEM			
Pollutant	CAS#	Reliability Code	Amount TPY
CO	630080	STACK TEST	10.2000
NOX	10102440	STACK TEST	34.7000
PM2.5		STACK TEST	9.8000
SOX	7446095	STACK TEST	72.0000
VOC		STACK TEST	11.0000
PM10		STACK TEST	10.1000
Carbon Dioxide	124389	RATED EFFICIENCY	20,029.0000
Methane	74828	RATED EFFICIENCY	0.2000
PM-CON		RATED EFFICIENCY	6.3000
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS:	

806 - COKE OVEN BATTERY - OVEN/DOOR LEAKS			
Pollutant	CAS#	Reliability Code	Amount TPY
Ammonia	7664417	RATED EFFICIENCY	0.1000
CO	630080	RATED EFFICIENCY	0.4000
PM2.5		RATED EFFICIENCY	0.1000
SOX	7446095	RATED EFFICIENCY	0.9000
VOC		RATED EFFICIENCY	0.9000
PM10		RATED EFFICIENCY	0.2000
└ Coke Oven Emissions	8007452	U UNRATED FACTOR	15.4571
Carbon Dioxide	124389	RATED EFFICIENCY	0.2000
Methane	74828	RATED EFFICIENCY	1.1000
PM-CON		RATED EFFICIENCY	0.4000
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS: 15.4571	

807 - COKE OVEN BATTERY - TOPSIDE LEAKS
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807 - COKE OVEN BATTERY - TOPSIDE LEAKS			
Pollutant	CAS#	Reliability Code	Amount TPY
CO	630080	RATED EFFICIENCY	0.1000
NOX	10102440	U UNRATED FACTOR	0.5945
PM2.5		RATED EFFICIENCY	0.9000
SOX	7446095	RATED EFFICIENCY	0.1000
VOC		RATED EFFICIENCY	0.1000
PM10		RATED EFFICIENCY	15.0000
└ Coke Oven Emissions	8007452	U UNRATED FACTOR	0.2378
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS: 0.2378	

808 - COKE DUMPING, SCREENING, & LOADING INTO TRUCKS			
Pollutant	CAS#	Reliability Code	Amount TPY
PM2.5		RATED EFFICIENCY	0.4000
PM10		RATED EFFICIENCY	2.4000
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS:	

904 - WEAK LIQUOR CIRCULATION TANK: BY-PRODUCT RECOVERY			
Pollutant	CAS#	Reliability Code	Amount TPY
VOC		RATED EFFICIENCY	0.0990
VOC/PM10 Summary			
Sum of VOC HAPS:		Sum of PM10 HAPS:	

