

Phillips 66 Company

I-Plan Option 5 with Table 1 & Table 2 Limits																											
Combined Stack	Phillips 66 ID	Device ID	Facility	Category	Size (MMBtu/hr)	Baseline Unit Emissions (Tons/Year)	Representative NOx (ppmv)	Rule 1109.1 Table 1 NOx Limit (ppmv)	Rule 1109.1 Table 1 Remaining Emissions (Tons/Year)	Rule 1109.1 Table 2 NOx Limit (ppmv)	Rule 1109.1 Table 2 Remaining Emissions (Tons/Year)	Units Possibly Eligible for Potential Reductions (Refer to Rule 1109.1 (d)(3) for all Conditions)	Operator Selects Table 1 or Table 2 Limits (Table 2 Must Meet (d)(3))	NOx Limit Based on Selected Table 1 or Table 2 Limits (ppmv)	Remaining Emissions Based on Selected Table 1 or Table 2 Limits (Tons/Year)	Operator Specifies if Unit will be Decommissioned (Yes/No)	Will Unit be Included in I-Plan (Yes/No)	Anticipated Start Date of Turnaround (Month/Year)	Expected End Date of Turnaround (Month/Year)	Phase where Permit Application will be Submitted	Phase I Alternative BARCT Emission Limit (ppmv)	Phase I BARCT Equivalent Emissions (Tons/Year)	Phase II Alternative BARCT Emission Limit (ppmv)	Phase II BARCT Equivalent Emissions (Tons/Year)	Phase III Alternative BARCT Emission Limit (ppmv)	Phase III BARCT Equivalent Emissions (Tons/Year)	
D1,D44	FCCU Regenerator	D1	Wilmington	FCCU	-	57	14.0	2.0	8.1	8.0	32.6	Not Eligible	Table 1	2.0	8.1	No	Yes			Phase II	14.0	57.0	2.0	8.1	2.0	8.1	
D1,D44	152-BC-601 (Peabody)	D44	Wilmington	FCC SU Heater	87							Combined with FCCU (D1)	Table 1	2.0	8.1	No	Yes			Phase I	5.0	3.5	5.0	3.5	5.0	3.5	
	Boiler 6	D688	Wilmington	Boiler	250	56	79.0	5.0	3.5	7.5	5.3	Not Eligible, Red > 20 TPY	Table 1	5.0	3.5	No	Yes			Phase I	5.0	3.5	5.0	3.5	5.0	3.5	
	Boiler 8	D687	Wilmington	Boiler	179	41	61.0	5.0	3.4	7.5	5.0	Not Eligible, Red > 20 TPY	Table 1	5.0	3.4	No	Yes			Phase I	5.0	3.4	5.0	3.4	5.0	3.4	
	Boiler 4	D684*	Wilmington	Boiler	142	29	101.0	5.0	1.4	7.5	2.2	Not Eligible, Red > 20 TPY	Table 1	5.0		Yes	No			N/A							
	Boiler 7	D686	Wilmington	Boiler	304	9	10.0	5.0	4.5	7.5	6.8	Possibly Eligible	Table 2	7.5	6.8	No	Yes			Phase I	7.5	6.8	7.5	6.8	7.5	6.8	
D154,D155,D156,D157,D158	100-H-100	D154	Wilmington	Heater	110	16	64.0	5.0	1.3	22.0	5.5	Not Eligible, Red > 10 TPY	Table 1	5.0	1.3	No	Yes			Phase III	64.0	16.0	64.0	16.0	5.0	1.3	
D154,D155,D156,D157,D158	100-H-101	D155	Wilmington	Heater	100	14.5	64.0	5.0	1.1	18.0	4.1	Not Eligible, Red > 10 TPY	Table 1	5.0	1.1	No	Yes			Phase III	64.0	14.5	64.0	14.5	5.0	1.1	
D154,D155,D156,D157,D158	100-H-102	D156	Wilmington	Heater	70	10	64.0	5.0	0.8	18.0	2.8	Not Eligible, Red > 10 TPY	Table 1	5.0	0.8	No	Yes			Phase III	64.0	10.0	64.0	10.0	5.0	0.8	
D154,D155,D156,D157,D158	100-H-103	D157	Wilmington	Heater	42	6	64.0	5.0	0.5	18.0	1.7	Not Eligible, Red > 10 TPY	Table 1	5.0	0.5	No	Yes			Phase III	64.0	6.0	64.0	6.0	5.0	0.5	
D154,D155,D156,D157,D158	100-H-104	D158	Wilmington	Heater	24	3.5	64.0	5.0	0.3	18.0	1.0	Not Eligible, Red > 10 TPY	Table 1	5.0	0.3	No	Yes			Phase III	64.0	3.5	64.0	3.5	5.0	0.3	
	120-B-204	D264	Wilmington	Heater	135	25	56.0	5.0	2.2	22.0	9.8	Not Eligible, Red > 10 TPY	Table 1	5.0	2.2	No	Yes			Phase III	56.0	25.0	56.0	25.0	5.0	2.2	
	59-B-101	D194	Wilmington	Heater	60	20	82.0	5.0	1.2	18.0	4.4	Not Eligible, Red > 10 TPY	Table 1	5.0	1.2	No	Yes			Phase I	5.0	1.2	5.0	1.2	5.0	1.2	
	90-B-202	D146	Wilmington	Heater	76	11	30.0	5.0	1.8	18.0	6.6	Possibly Eligible	Table 1	5.0	1.8	No	Yes			Phase I	5.0	1.8	5.0	1.8	5.0	1.8	
	90-B-401	D1720	Wilmington	Heater	41	0	3.0	5.0	0.0	18.0	0.0	Not Eligible, Meets Table 1 Limit	Table 1	5.0	0.0	No	Yes			Phase III	3.0	0.0	3.0	0.0	5.0	0.0	
D135,D136,D137,D138,D139	80-B-101	D135	Wilmington	Heater	116	13.6	38.0	5.0	1.8	22.0	7.9	Not Eligible, Red > 20 TPY	Table 1	5.0	1.8	No	Yes			Phase III	38.0	13.6	38.0	13.6	5.0	1.8	
D135,D136,D137,D138,D140	80-B-102	D136	Wilmington	Heater	68	8.2	38.0	5.0	1.1	22.0	4.7	Not Eligible, Red > 20 TPY	Table 1	5.0	1.1	No	Yes			Phase III	38.0	8.2	38.0	8.2	5.0	1.1	
D135,D136,D137,D138,D141	80-B-103	D137	Wilmington	Heater	71	8.6	38.0	5.0	1.1	22.0	5.0	Not Eligible, Red > 20 TPY	Table 1	5.0	1.1	No	Yes			Phase III	38.0	8.6	38.0	8.6	5.0	1.1	
D135,D136,D137,D138,D142	80-B-104	D138	Wilmington	Heater	56	6.6	38.0	5.0	0.9	22.0	3.8	Not Eligible, Red > 20 TPY	Table 1	5.0	0.9	No	Yes			Phase III	38.0	6.6	38.0	6.6	5.0	0.9	
D135,D136,D137,D138,D143	80-B-105	D139	Wilmington	Heater	19	2	38.0	5.0	0.3	22.0	1.2	Not Eligible, Red > 20 TPY	Table 1	5.0	0.3	No	Yes			Phase III	38.0	2.0	38.0	2.0	5.0	0.3	
	59-B-201	D129*	Wilmington	Heater	27		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	79-B-201	D133*	Wilmington	Heater	35		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	89-B-101	D142*	Wilmington	Heater	17		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	90-B-203	D148*	Wilmington	Heater	27		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	100-H-1	D150*	Wilmington	Heater	38		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	100-H-2	D152*	Wilmington	Heater	30		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	100-H-105	D161*	Wilmington	Heater	31		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	100-H-107	D163*	Wilmington	Heater	14		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	120-B-201	D259*	Wilmington	Heater	39		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	120-B-202	D260*	Wilmington	Heater	17		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	120-B-203	D262*	Wilmington	Heater	37		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	110-B-211	D329*	Wilmington	Heater	29		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	152-B-602	D39*	Wilmington	Heater	29		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	152-B-703	D40*	Wilmington	Heater	10		37.0	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A							
	119-B-101	D220	Wilmington	SMR Heater	350	9	8.0	5.0	5.6	7.5	8.4	Possibly Eligible	Table 2	7.5	8.4	No	Yes			Phase I	7.5	8.4	7.5	8.4	7.5	8.4	
	118-H-401	D1349	Wilmington	SMR Heater	460	9	4.0	5.0	11.3	7.5	16.9	Not Eligible, Meets Table 1 Limit	Table 1	5.0	11.3	No	Yes			Phase III	4.0	9.0	4.0	9.0	5.0	11.3	
	141-B-104	D333	Wilmington	Sulfuric Acid Furnace	74	9	14.0	30.0	19.3	N/A	N/A	No Table 2 Limit	Table 1	30.0	19.3	No	Yes			Phase III	14.0	9.0	14.0	9.0	30.0	19.3	
	141-B-102	D332	Wilmington	Sulfuric Acid SU Heater	15	0	190.0	9.0	N/A	N/A	N/A	Exempt, Paragraph (o)(6)	Table 1	9.0		No	No			N/A							
D828,D829	Cogen	D828	Wilmington	Gas Turbine	646	46	4.5	3.0	30.7	N/A	N/A	No Table 2 Limit	Table 1	3.0	30.7	No	Yes			Phase III	4.5	46.0	4.5	46.0	3.0	30.7	
D828,D829	Cogen Duct Burner	D829	Wilmington	Duct Burner	99							No Table 2 Limit	Table 1	3.0	30.7	No	Yes			Phase III	4.5	46.0	4.5	46.0	3.0	30.7	
	138-B-108	C436	Wilmington	SRU/TGI	20	2	19.0	30.0	3.2	N/A	N/A	No Table 2 Limit	Table 1	30.0	3.2	No	Yes			Phase III	19.0	2.0	19.0	2.0	30.0	3.2	
	138-B-208	C456	Wilmington	SRU/TGI	20	3	15.0	30.0	6.0	N/A	N/A	No Table 2 Limit	Table 1	30.0	6.0	No	Yes			Phase III	15.0	3.0	15.0	3.0	30.0	6.0	
	Boiler 11	D430	Carson	Boiler	352	96	77.0	5.0	6.2	7.5	9.4	Not Eligible per (d)(3)(A)	Table 1	5.0	6.2	No	Yes			Phase I	5.0	6.2	5.0	6.2	5.0	6.2	
	Boiler 10	D429	Carson	Boiler	352	14	10.0	5.0	7.0	7.5	10.5	Table D1 Eligible	Table 2	7.5	10.5	No	Yes			Phase I	7.5	10.5	7.5	10.5	7.5	10.5	
	DU255	D59	Carson	Heater	350	73	40.0	5.0	9.1	22.0	40.2	Not Eligible, Red > 20 TPY	Table 1	5.0	9.1	No	Yes			Phase III	40.0	73.0	40.0	73.0	5.0	9.1	
	DH-40	D174	Carson	Heater	70	18.5	75.0	5.0	1.2	22.0	5.4	Not Eligible, >10 TPY	Table 1	5.0	1.2	No	Yes			Phase II	75.0	18.5	5.0	1.2	5.0	1.2	
	Coker H-32	D105	Carson	Heater	175	21	30.0	5.0	3.5	22.0	15.4	Possibly Eligible	Table 2	22.0	15.4	No	Yes			Phase I	22.0	15.4	22.0	15.4	22.0	15.4	
	Coker H-31	D104	Carson	Heater	175	19	30.0	5.0	3.2	22.0	13.9	Possibly Eligible	Table 2	22.0	13.9	No	Yes			Phase I	22.0	13.9	22.0	13.9	22.0	13.9	
	Flasher H-34	D79	Carson	Heater	154	18	25.0	5.0	3.6	22.0	15.8	Possibly Eligible	Table 2	22.0	15.8	No	Yes			Phase I	22.0	15.8	22.0	15.8	22.0	15.8	
	Flasher H-33	D78	Carson	Heater	154	17	23.0	5.0	3.7	22.0	16.3	Possibly Eligible	Table 2	22.0	16.3	No	Yes			Phase I	22.0	16.3	22.0	16.3	22.0	16.3	
	HP-38	D210	Carson	SMR Heater	340	90.4	64.0	5.0	7.1	7.5	10.6	Not Eligible per (d)(3)(A)	Table 1	5.0	7.1	No	Yes										