

Ultramar, Inc. (Valero)

I-Plan Option 3 with B-Plan																									
Combined Stack	Device ID	Facility	Category	Size (MMBtu/hr)	Baseline Unit Emissions (Tons/Year)	Representative NOx (ppmv)	2021 NOx Emissions (lbs/year) per subparagraph (h)(2)(E)	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 Conditional Limits Based on Potential Reductions (Refer to Rule 1109.1 (d)(3) for all Conditions)	Operator Selects Table 1 or Table 2 Limits (d)(3)	NOx Limit Based 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 Construction/TAR (Month/Year)	Expected End Date of Turnaround (Month/Year)	Phase where Permit Application will be Submitted	Planned B-Cap Annual Emission Reduction Strategy (if applicable)	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)
D36,D38	D36	Wilmington	FCCU	-	87.7	23.3	N/A	2.0	7.5	22.0	82.8	Not Eligible	Table 1	2.0	7.5	No	Yes			Phase II	N/A	23.3	87.7	2.0	7.5
D36,D38	D38	Wilmington	FCC SU Heater	100		N/A	N/A	5.0	N/A	N/A	N/A	Exempt (e)(5)	Table 1	5.0		No	No				N/A				
	D378	Wilmington	Boiler	128	2.6	5.6	4,948.2	5.0	2.3	7.5	3.5	Table D-1 Eligible	Table 2	7.5	3.5	No	Yes			Phase I	N/A	5.6	2.6	7.5	3.5
	D1550	Wilmington	Boiler	245	5.4	5.2	5,563.1	5.0	5.2	7.5	7.8	Table D-1 Eligible	Table 2	7.5	7.8	No	Yes			Phase I	N/A	5.2	5.4	7.5	7.8
	D52	Wilmington	Heater	36	18.9	96.0	19,456.0	40.0	7.9	N/A	N/A	No Table 2 Limit	Table 1	40.0	7.9	No	Yes			Phase I	N/A	40.0	7.9	40.0	7.9
	D74	Wilmington	Heater	258	30.9	38.4	71,908.1	5.0	4.0	22.0	17.7	Not Eligible, Red > 20 TPV	Table 1	5.0	4.0	No	Yes			Phase I	N/A	5.0	4.0	5.0	4.0
	D3	Wilmington	Heater	159	17.2	30.8	37,581.3	5.0	2.8	22.0	12.3	Possibly Eligible	Table 2	22.0	12.3	No	Yes			Phase I	N/A	22.0	12.3	22.0	12.3
	D6	Wilmington	Heater	136	13.5	19.0	23,255.3	5.0	3.6	22.0	15.6	Table D-1 Eligible	Table 2	22.0	15.6	No	Yes			Phase I	N/A	22.0	15.6	22.0	15.6
	D22	Wilmington	Heater	95	9.5	29.8	17,869.1	5.0	1.6	18.0	5.7	Possibly Eligible	Table 2	18.0	5.7	No	Yes			Phase I	N/A	18.0	5.7	18.0	5.7
	D12	Wilmington	Heater	144	8.8	26.7	15,649.9	5.0	1.6	22.0	7.3	Possibly Eligible	Table 2	22.0	7.3	No	Yes			Phase I	N/A	22.0	7.3	22.0	7.3
	D53	Wilmington	Heater	68	8.2	23.2	12,248.8	5.0	1.8	18.0	6.4	Table D-2 Eligible	Table 2	18.0	6.4	No	Yes			Phase I	N/A	18.0	6.4	18.0	6.4
	D8	Wilmington	Heater	49	6.3	34.4	10,286.0	5.0	0.9	18.0	3.3	Possibly Eligible	Table 2	18.0	3.3	No	Yes			Phase I	N/A	18.0	3.3	18.0	3.3
	D98	Wilmington	Heater	57	5.8	23.1	10,310.0	5.0	1.3	18.0	4.5	Table D-2 Eligible	Table 2	18.0	4.5	No	Yes			Phase I	N/A	18.0	4.5	18.0	4.5
	D768	Wilmington	Heater	110	5.9	10.3	12,148.2	5.0	2.9	18.0	10.3	Table D-1 Eligible	Table 2	18.0	10.3	No	Yes			Phase I	N/A	18.0	10.3	18.0	10.3
D429,D430	D430	Wilmington	Heater	200	6.5	6.3	2,198.9	5.0	5.2	22.0	22.7	Eligible	Table 2	22.0	22.7	No	Yes			Phase I	N/A	6.3	6.5	21.9	22.6
D429,D430	D429	Wilmington	Heater	30	1	6.3	223.1	5.0	0.8	22.0	3.5	Eligible	Table 2	22.0	3.5	No	Yes			Phase I	N/A	6.3	1.0	21.9	3.5
	D1669	Wilmington	Gas Turbine	342	3.2	2.1	N/A	2.0	3.0	2.5	3.8	Eligible	Table 2	2.5	3.8	No	Yes			Phase I	N/A	2.1	3.2	2.5	3.8
	C1260	Wilmington	SRU/TGI	36	3	89.8	N/A	30.0	1.0	N/A	N/A	No Table 2 Limit	Table 1	30.0	1.0	No	Yes			Phase I	N/A	30.0	1.0	30.0	1.0
	D9*	Wilmington	Heater	20		25.7	N/A	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A	N/A				
	D73*	Wilmington	Heater	30		20.7	N/A	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A	N/A				
	D59*	Wilmington	Heater	26		33.5	N/A	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A	N/A				
	D60*	Wilmington	Heater	30		26.2	N/A	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A	N/A				
	D377*	Wilmington	Boiler	39		0.0	N/A	5.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	5.0		Yes	No			N/A	N/A				
	D179*	Asphalt Plant	Heater	15.4		13.5	N/A	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A	N/A				
	D13*	Asphalt Plant	Heater	19.3		20.7	N/A	9.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	9.0		No	No			N/A	N/A				
	D63*	Asphalt Plant	Boiler	14.5		31	N/A	5.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	5.0		No	No			N/A	N/A				
	D64*	Asphalt Plant	Boiler	14.5		30.1	N/A	5.0	N/A	N/A	N/A	No Table 2 Limit	Table 1	5.0		No	No			N/A	N/A				
Baseline Facility Emissions					234.4								Facility Final Phase Target				127.1							184.7	127.0

Confidential Business Information - Redacted

*Unit not included in plan

Facility BARCT Emission Target	Phase I Target	191.5	Phase II Target	127.1
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Eligibility Demonstration (< 0.02 lb/MMBtu)		
Combined BASELINE Rated Heat Input for Boilers and Heaters (>40 MMBtu/hr)	Total 2021 NOx Emissions (lbs per hour)	Facility Emission Rate (lb/MMBtu)
1,715.00	27.81	0.0162

*Pursuant to subparagraph (h)(2)(E), I-Plan Option 3 requires the facility to demonstrate that the facility total emission rate for the year 2021 to be less than 0.02 lb/MMBtu

B-Plan Total Facility NOx Emission Reductions (tons per year)	Phase I Percent Reduction Target	Phase II Percent Reduction Target
107.31	40	100
Permit Application Submittal Date	July 1, 2025	July 1, 2029