

**Table 2-A: Regulated Emission Sources**

Unit and stack numbering must correspond throughout the application package. If applying for a NOI under 20.2.73 NMAC, equipment exemptions under 2.72.202 NMAC do not apply.

Unit Number <sup>1</sup>	Source Description	Make	Model #	Serial #	Manufact- urer's Rated Capacity <sup>3</sup> (Specify Units)	Requested Permitted Capacity <sup>3</sup> (Specify Units)	Date of Manufacture <sup>2</sup>	Controlled by Unit #	Source Classi- fication Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) <sup>4</sup>	Replacing Unit No.
							Date of Construction/ Reconstruction <sup>2</sup>	Emissions vented to Stack #				
10	Natural Gas Fueled Compressor Engine	White Superior	8G825	20297	800 hp	800 hp	1965	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							> 12/9/10	10				
11	Natural Gas Fueled Compressor Engine	White Superior	8G825	20221	800 hp	800 hp	1976	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1976	11				
12	Natural Gas Fueled Compressor Engine	White Superior	8G825	264699	800 hp	800 hp	1976	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1976	12				
13	Natural Gas Fueled Compressor Engine	White Superior	8G825	269359	800 hp	800 hp	1976	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1976	13				
14	Natural Gas Fueled Compressor Engine	White Superior	8G825	269339	800 hp	800 hp	1976	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1976	14				
15	Natural Gas Fueled Compressor Engine	White Superior	8G825	269349	800 hp	800 hp	1976	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1976	15				
16	Natural Gas Fueled Compressor Engine	White Superior	8G825	269369	800 hp	800 hp	1976	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1976	16				
17	Natural Gas Fueled Compressor Engine	White Superior	8G825	19097	800 hp	800 hp	3/29/1967	N/A	20200253	<input type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input checked="" type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							6/23/2017	17				
19	Gas Furnace	Regen	Optimized	J761577	3 MMBtu/hr	3 MMBtu/hr	Unknown	N/A	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	19				
20	Boiler #2	Wickes	N/A	61870-3	36 MMBtu/hr	36 MMBtu/hr	1953	N/A	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	20				
22 (pilot & purge & blanket gas only)	Emergency Wet Gas Flare	NA	N/A	NA	1.64 MMBtu/hr	1.64 MMBtu/hr	Unknown	N/A	30600903	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	22				
23 (pilot & purge gas only)	Emergency Acid Gas Flare	NA	N/A	NA	1.64 MMBtu/hr	1.64 MMBtu/hr	Unknown	N/A	30600903	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	23				
25	Natural Gas Fueled Compressor Engine	White Superior	8G825	301999	800 hp	800 hp	1984	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1984	25				
26	Natural Gas Fueled Compressor Engine	White Superior	8G825	285599	800 hp	800 hp	2005	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							2005	26				
27	Natural Gas Fueled Compressor Engine	White Superior	8G825	279289	800 hp	800 hp	1991	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							1991	27				
28	Boiler #1	Wickes	N/A	61787-1	36 MMBtu/hr	36 MMBtu/hr	Unknown	N/A	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	28				

Unit Number <sup>1</sup>	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity <sup>3</sup> (Specify Units)	Requested Permitted Capacity <sup>3</sup> (Specify Units)	Date of Manufacture <sup>2</sup>	Controlled by Unit #	Source Classification Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) <sup>4</sup>	Replacing Unit No.
							Date of Construction/ Reconstruction <sup>2</sup>	Emissions vented to Stack #				
30	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	4EK03683	1340 hp	1340 hp	2001	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							2001	30				
31	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	WPW02174	1340 hp	1340 hp	2011	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							>2/27/12	31				
32	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	WPW02129	1340 hp	1340 hp	04/2008	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							2008	32				
33	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	4EK03489	1340 hp	1340 hp	2001	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							2001	33				
34	Natural Gas Fueled Compressor Engine	Caterpillar	G3516LE	4EK03692	1340 hp	1340 hp	2001	N/A	20200254	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							2001	34				
38 (FUG-1)	Facility-Wide Fugitives	N/A	N/A	N/A	N/A	N/A	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							N/A	N/A				
39	Natural Gas Fueled Compressor Engine	Waukesha	7042GSI	318846	1,200 hp	1,200 hp	Unknown	N/A	20200253	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	4SLB	N/A
							2009	39				
40	Reboiler	TBD	TBD	TBD	0.5 MMBtu/hr	0.5 MMBtu/hr	TBD	N/A	30600102	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							TBD	40				
Dehy	TEG Dehydrator	Sivalis	ABFO	5303	7.5 gal/min	7.5 gal/min	Unknown	N/A	31000301	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	N/A				
Dehy-2	TEG Dehydrator	TBD	TBD	TBD	5 MMSCFD	5 MMSCFD	TBD	N/A	31000301	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							TBD	N/A				
GT-1	Gunbarrel Separator	N/A	N/A	N/A	400 bbl	400 bbl	2008	VRU	40301105	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							2008	VRU				
TK-C	Condensate Tank with Blanket Gas	Permian	N/A	28579	300 bbl	300 bbl	1998	N/A	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							1998	22				
TK-48	Feed Tank	N/A	N/A	N/A	500 bbl	500 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							2005	VRU				
TK-49	Feed Tank	N/A	N/A	N/A	500 bbl	500 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							2005	VRU				
TK-50	Oil Tank	N/A	N/A	N/A	500 bbl	500 bbl	2005	VRU	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							2005	VRU				
Load-1 <sup>4</sup>	Load 1	N/A	N/A	N/A	225,000 bbl/yr	225,000 bbl/yr	N/A	N/A	40400311	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							N/A	N/A				

Unit Number <sup>1</sup>	Source Description	Make	Model #	Serial #	Manufacturer's Rated Capacity <sup>3</sup> (Specify Units)	Requested Permitted Capacity <sup>3</sup> (Specify Units)	Date of Manufacture <sup>2</sup>	Controlled by Unit #	Source Classification Code (SCC)	For Each Piece of Equipment, Check One	RICE Ignition Type (CI, SI, 4SLB, 4SRB, 2SLB) <sup>4</sup>	Replacing Unit No.
							Date of Construction/ Reconstruction <sup>2</sup>	Emissions vented to Stack #				
Haul-1	Haul 1	N/A	N/A	N/A	4 trucks/day	4 trucks/day	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							N/A	N/A				
Haul-2	Haul 2	N/A	N/A	N/A	2 trucks/day	2 trucks/day	N/A	N/A	31088811	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							N/A	N/A				
CT-N	Cooling Tower	Unknown	Unknown	Unknown	3470 gpm	3470 gpm	2001	N/A	30600701	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							2001	N/A				
CT-S	Cooling Tower	Unknown	Unknown	Unknown	3470 gpm	3470 gpm	2001	N/A	30600701	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							2001	N/A				
TK-1	Gasoline Tank	N/A	N/A	N/A	500 gal	500 gal	1994	N/A	40301007	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	N/A				
Amine-RS	Amine Regeneration Still Vent and Flash Tank	Randall Corp.	N/A	12762	590 gpm	590 gpm	>1980	N/A	31000201	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	N/A				
Amine-C	Amine Contactor	Gemstar	N/A	2550	100 MMScf/d	100 MMScf/d	>1980	N/A	31000201	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced	N/A	N/A
							Unknown	N/A				

<sup>1</sup> Unit numbers must correspond to unit numbers in the previous permit unless a complete cross reference table of all units in both permits is provided.

<sup>2</sup> Specify dates required to determine regulatory applicability.

<sup>3</sup> To properly account for power conversion efficiencies, generator set rated capacity shall be reported as the rated capacity of the engine in horsepower, not the kilowatt capacity of the generator set.

<sup>4</sup> "4SLB" means four stroke lean burn engine, "4SRB" means four stroke rich burn engine, "2SLB" means two stroke lean burn engine, "CI" means compression ignition, and "SI" means spark ignition

**Table 2-B: Insignificant Activities<sup>1</sup> (20.2.70 NMAC) OR Exempted Equipment (20.2.72 NMAC)**

All 20.2.70 NMAC (Title V) applications must list all Insignificant Activities in this table. All 20.2.72 NMAC applications must list Exempted Equipment in this table. If equipment listed on this table is exempt under 20.2.72.202.B.5, include emissions calculations and emissions totals for 202.B.5 "similar functions" units, operations, and activities in Section 6, Calculations. Equipment and activities exempted under 20.2.72.202 NMAC may not necessarily be Insignificant under 20.2.70 NMAC (and vice versa). Unit & stack numbering must be consistent throughout the application package. Per Exemptions Policy 02-012.00 (see [http://www.env.nm.gov/aqb/permit/aqb\\_pol.html](http://www.env.nm.gov/aqb/permit/aqb_pol.html)), 20.2.72.202.B NMAC Exemptions do not apply, but 20.2.72.202.A NMAC exemptions do apply to NOI facilities under 20.2.73 NMAC. List 20.2.72.301.D.4 NMAC Auxiliary Equipment for Streamline applications in Table 2-A. The List of Insignificant Activities (for TV) can be found online at <https://www.env.nm.gov/wp-content/uploads/sites/2/2017/10/InsignificantListTitleV.pdf>. TV sources may elect to enter both TV Insignificant Activities and Part 72 Exemptions on this form.

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction <sup>2</sup>	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction <sup>2</sup>	
T-04	Overflow Tank	N/A	N/A	90	Not source of pollutants	2008	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	bbl	Trivial	2008	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
36	Heater Treater	Natco	N/A	0.75	2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	MMBtu/hr	Insignificant Activity Item #1.a.	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-2	Diesel Fuel Tank	Unknown	N/A	500	2.72.202.B.5	1994	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-5	Methanol tank	Unknown	N/A	16,300	2.72.202.B.5.	1976	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-6	Antifreeze tank	Unknown	N/A	16,300	2.72.202.B.2	1976	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-9	Lube Oil tank	Unknown	N/A	500	2.72.202.B.2	1976	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-10	100% Triethylene Glycol	Unknown	N/A	500	2.72.202.B.2	1988	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-11	100% Triethylene Glycol	Unknown	N/A	500	2.72.202.B.2	1988	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-12	Amine tank	Unknown	N/A	100	2.72.202.B.2	1956	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-13	Slimicide tank	Unknown	N/A	400	2.72.202.B.2	1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-13A	BD 1501 Soap tank	Unknown	N/A	420	2.72.202.B.2	2001	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-14	Corrosion Inhibitor tank	Unknown	N/A	560	2.72.202.B.2	1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
TK-15	Lube Oil Tank	Unknown	Permian Tk	210	2.72.202.B.2	1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed
			35315	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction <sup>2</sup>	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction <sup>2</sup>	
TK-16	Slop Oil (50% water/ 50% oil)	Unknown	Unknown	300	2.72.202.B.2	Aug-94	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			27021	bbbl	Insignificant Activity Item #5	Unknown	
TK-18	Methanol tank	Unknown	N/A	470	2.72.202.B.2.	1991	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-19	Boiler Treatment	Unknown	N/A	2,000	2.72.202.B.2	1991	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-20	Boiler Treatment	Unknown	N/A	400	2.72.202.B.2	1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-21	Solvent tank	Unknown	N/A	500	2.72.202.B.2	1985	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-22	Used Oil Tank	Unknown	N/A	8,800	2.72.202.B.2	1985	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-23	Lube Oil tank	Unknown	N/A	500	2.72.202.B.2	1960	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-24	30% ethylene glycol; 70% water	Unknown	N/A	10,000	2.72.202.B.2	1960	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-25	Methanol tank	Unknown	N/A	500	2.72.202.B.5	1991	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	
TK-26	Slimeicide tank	Unknown	Betz	500	2.72.202.B.5	1993	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	
TK-26A	Sulfuric Acid	Unknown	N/A	500	2.72.202.B.5	2001	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	
TK-28	Detergent/soap	Unknown	N/A	220	2.72.202.B.2	1991	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	
TK-29	Water/oil from drain syst	Unknown	N/A	210,000	2.72.202.B.2	1959	<input type="checkbox"/> Existing (unchanged) <input checked="" type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #5	Unknown	

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction <sup>2</sup>	For Each Piece of Equipment, Check One	
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction <sup>2</sup>		
SV 18.42	Water/oil from drain syst	Unknown	N/A	8400	2.72.202.B.2	1991	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
SV 18.43	Water/oil from drain syst	Unknown	N/A	8400	2.72.202.B.2	1991	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
SV 18.44	Water/oil from drain syst	Unknown	N/A	8400	2.72.202.B.2	1991	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input checked="" type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-30	Treated Water tank	Unknown	N/A	500	2.72.202.B.2	1985	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-31	Product (cold NGL)	Unknown	N/A	773	2.72.202.B.5	1976	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-32	Product (cold NGL)	Unknown	N/A	773	2.72.202.B.5	1976	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-33	Product (cold NGL)	Unknown	N/A	773	2.72.202.B.5	1976	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-34	Product (cold NGL)	Unknown	N/A	773	2.72.202.B.5	1976	<input type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #1.a.	Unknown	<input checked="" type="checkbox"/> To Be Modified	<input type="checkbox"/> To be Replaced
TK-35	Propane tank	Unknown	N/A	3,888	2.72.202.B.5	1976	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-36	Propane tank	Unknown	N/A	8,943	2.72.202.B.5	1976	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-37	Treated Water tank	Unknown	N/A	1000	2.72.202.B.2	1982	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-38	Treated Water tank	Unknown	N/A	1,000	2.72.202.B.2	1982	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-39	Brine tank	Unknown	N/A	210	2.72.202.B.2	1960	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	bbl	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-41	Sulfuric Acid	Unknown	N/A	500	2.72.202.B.2	2001	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-42	Lube Oil tank	Unknown	N/A	500	2.72.202.B.2	Unknown	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-43	Lube Oil tank	Unknown	N/A	500	2.72.202.B.2	Unknown	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #5	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit
TK-44	Slime tank	Unknown	N/A	400	2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged)	<input type="checkbox"/> To be Removed
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	<input type="checkbox"/> New/Additional	<input type="checkbox"/> Replacement Unit

Unit Number	Source Description	Manufacturer	Model No.	Max Capacity	List Specific 20.2.72.202 NMAC Exemption (e.g. 20.2.72.202.B.5)	Date of Manufacture /Reconstruction <sup>2</sup>	For Each Piece of Equipment, Check One
			Serial No.	Capacity Units	Insignificant Activity citation (e.g. IA List Item #1.a)	Date of Installation /Construction <sup>2</sup>	
TK-45	Amine Surge Tank	Unknown	N/A	2,100	2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	
TK-46	Treated Water for water injection	Scaletrol	N/A	400	2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	gal	Insignificant Activity Item #1.a.	Unknown	
TK-47	Treated Water Overflow tank	Unknown	N/A	500	2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			AT-2569	bbl	Insignificant Activity Item #1.a.	Unknown	
TK-48	Treated Water Overflow tank	Unknown	N/A	500	2.72.202.B.5	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			N/A	bbl	Insignificant Activity Item #1.a.	Unknown	
comfort heater	comfort heater	Unknown	Unknown	< 5	2.72.202.B.1	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	MMbtu/hr	Insignificant Activity Item #3	Unknown	
AC-1	Air Compressor	Ingersol Rand	Unknown	48	2.72.202.A.2	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	hp	Insignificant Activity Item #6	Unknown	
Pump1	Waer Utility Pump	Chevrolet	Unknown	35	2.72.202.A.2	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	hp	Insignificant Activity Item #6	Unknown	
Pump2	Waer Utility Pump	Unknown	Unknown	35	2.72.202.A.2	Unknown	<input checked="" type="checkbox"/> Existing (unchanged) <input type="checkbox"/> To be Removed <input type="checkbox"/> New/Additional <input type="checkbox"/> Replacement Unit <input type="checkbox"/> To Be Modified <input type="checkbox"/> To be Replaced
			Unknown	hp	Insignificant Activity Item #6	Unknown	

<sup>1</sup> Insignificant activities exempted due to size or production rate are defined in 20.2.70.300.D.6, 20.2.70.7.Q NMAC, and the NMED/AQB List of Insignificant Activities, dated September 15, 2008. Emissions from these insignificant activities do not need to be reported, unless specifically requested.

<sup>2</sup> Specify date(s) required to determine regulatory applicability.

**Table 2-C: Emissions Control Equipment**

Unit and stack numbering must correspond throughout the application package. Only list control equipment for TAPs if the TAP's maximum uncontrolled emissions rate is over its respective threshold as listed in 20.2.72 NMAC, Subpart V, Tables A and B. In accordance with 20.2.72.203.A(3) and (8) NMAC, 20.2.70.300.D(5)(b) and (e) NMAC, and 20.2.73.200.B(7) NMAC, the permittee shall report all control devices and list each pollutant controlled by the control device regardless if the applicant takes credit for the reduction in emissions.

Control Equipment Unit No.	Control Equipment Description	Date Installed	Controlled Pollutant(s)	Controlling Emissions for Unit Number(s) <sup>1</sup>	Efficiency (% Control by Weight)	Method used to Estimate Efficiency
VRU	Vapor Recovery Unit	2008	VOCs	GT-1, TK-48, TK-49, TK-50	95% annual; 100% short-term	Engineering Estimate
10	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	10	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
11	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	11	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
12	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	12	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
13	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	13	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
14	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	14	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
15	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	15	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
16	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	16	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
17	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	17	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
25	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	25	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
26	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	26	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
27	AFR & NSCR Catalytic Converter	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	27	~80% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
30	Oxidation catalyst	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	30	~80% NO <sub>x</sub> and CO; 64% VOC & HAPs	Nominal for Catalyst
31	Oxidation catalyst	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	31	~80% NO <sub>x</sub> and CO; 64% VOC & HAPs	Nominal for Catalyst
32	Oxidation catalyst	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	32	~80% NO <sub>x</sub> and CO; 64% VOC & HAPs	Nominal for Catalyst
33	Oxidation catalyst	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	33	~80% NO <sub>x</sub> and CO; 64% VOC & HAPs	Nominal for Catalyst
34	Oxidation catalyst	Unknown	NO <sub>x</sub> , CO, VOC, HAPs	34	~80% NO <sub>x</sub> and CO; 64% VOC & HAPs	Nominal for Catalyst
39	AFR & NSCR Catalytic Converter	2009	NO <sub>x</sub> , CO, VOC, HAPs	39	~85% NO <sub>x</sub> & CO; 75% VOC & HAPs	Nominal for Catalyst
AGI	Acid Gas Injection System	Unknown	H <sub>2</sub> S	Amine-RS and Amine-C	100%	Engineering Estimate

<sup>1</sup> List each control device on a separate line. For each control device, list all emission units controlled by the control device.



**Table 2-D: Maximum Emissions** (under normal operating conditions)

This Table was intentionally left blank because it would be identical to Table 2-E.

Maximum Emissions are the emissions at maximum capacity and prior to (in the absence of) pollution control, emission-reducing process equipment, or any other emission reduction. Calculate the hourly emissions using the worst case hourly emissions for each pollutant. For each pollutant, calculate the annual emissions as if the facility were operating at maximum plant capacity without pollution controls for 8760 hours per year, unless otherwise approved by the Department. List Hazardous Air Pollutants (HAP) & Toxic Air Pollutants (TAPs) in Table 2-I. Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "--" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E-4).

Unit No.	NOx		CO		VOC		SOx		PM <sup>1</sup>		PM10 <sup>1</sup>		PM2.5 <sup>1</sup>		H <sub>2</sub> S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
10	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
11	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
12	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
13	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
14	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
15	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
16	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
17	26.5	115.9	26.5	115.9	3.5	15.4	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
19	0.30	1.30	0.25	1.10	0.016	0.072	0.0018	0.0078	0.023	0.10	0.023	0.10	0.023	0.10	-	-	-	-
20	3.53	15.5	2.96	12.99	0.19	0.85	0.021	0.093	0.27	1.17	0.27	1.17	0.27	1.17	-	-	-	-
22 (pilot & purge & blanket gas)	0.22	0.98	1.21	5.32	-	-	0.023	0.10	-	-	-	-	-	-	2.3E-05	1.0E-04	-	-
23 (pilot & purge gas)	0.086	0.38	0.47	2.1	-	-	0.0090	0.040	-	-	-	-	-	-	9.0E-06	3.9E-05	-	-
25	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
26	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
27	26.47	115.94	26.47	115.94	3.51	15.37	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-	-	-
28	3.53	15.46	2.96	12.99	0.19	0.85	0.0212	0.093	0.27	1.17	0.27	1.17	0.268	1.17	-	-	-	-
30	29.55	129.43	29.55	129.43	4.14	18.13	0.0059	0.026	0.10	0.44	0.10	0.44	0.101	0.44	-	-	-	-
31	29.55	129.43	29.55	129.43	4.14	18.13	0.0059	0.026	0.10	0.44	0.10	0.44	0.101	0.44	-	-	-	-
32	29.55	129.43	29.55	129.43	4.14	18.13	0.0059	0.026	0.10	0.44	0.10	0.44	0.101	0.44	-	-	-	-
33	29.55	129.43	29.55	129.43	4.14	18.13	0.0059	0.026	0.10	0.44	0.10	0.44	0.101	0.44	-	-	-	-
34	29.55	129.43	29.55	129.43	4.14	18.13	0.0059	0.026	0.10	0.44	0.10	0.44	0.101	0.44	-	-	-	-
38 (FUG-1)	-	-	-	-	9.0	39.6	-	-	-	-	-	-	-	-	0.14	0.60	-	-
39	58.20	254.92	84.66	370.79	2.65	11.59	0.12	0.53	0.17	0.73	0.17	0.73	0.17	0.73	-	-	-	-
40	0.049	0.21	0.041	0.18	0.0027	0.012	0.0071	0.031	0.0037	0.016	0.0037	0.016	0.0037	0.016	-	-	-	-
Dehy <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DEHY-2 <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GT-1 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-C <sup>5</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-48 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-49 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TK-50 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Unit No.	NOx		CO		VOC		SOx		PM <sup>1</sup>		PM10 <sup>1</sup>		PM2.5 <sup>1</sup>		H <sub>2</sub> S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
Load-1	-	-	-	-	6.5	28.3	-	-	-	-	-	-	-	-	-	-	-	-
Haul-1	-	-	-	-	-	-	-	-	5.5	2.9	1.4	0.73	0.14	0.073	-	-	-	-
Haul-2	-	-	-	-	-	-	-	-	5.5	0.90	1.4	0.23	0.14	0.023	-	-	-	-
CT-N	-	-	-	-	-	-	-	-	0.31	1.4	0.20	0.86	0.00068	0.0030	-	-	-	-
CT-S	-	-	-	-	-	-	-	-	0.28	1.2	0.18	0.78	0.00062	0.0027	-	-	-	-
TK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amine-RS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amine-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	504.8	2211.2	531.5	2327.9	77.9	341.1	0.28	1.2	13.5	14.9	5.1	11.1	2.2	8.6	0.14	0.60	-	-

<sup>1</sup>Condensable Particulate Matter: Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but PM is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

**Table 2-E: Requested Allowable Emissions**

Unit & stack numbering must be consistent throughout the application package. Fill all cells in this table with the emission numbers or a "-" symbol. A "--" symbol indicates that emissions of this pollutant are not expected. Numbers shall be expressed to at least 2 decimal points (e.g. 0.41, 1.41, or 1.41E<sup>-4</sup>).

Unit No.	NOx		CO		VOC		SOx		PM <sup>1</sup>		PM10 <sup>1</sup>		PM2.5 <sup>1</sup>		H <sub>2</sub> S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
10	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
11	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
12	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
13	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
14	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
15	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
16	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
17	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
19	0.30	1.30	0.25	1.10	0.02	0.07	0.0018	0.0078	0.023	0.10	0.023	0.10	0.023	0.10	-	-		
20	3.53	15.46	2.96	12.99	0.19	0.85	0.021	0.09	0.27	1.17	0.27	1.17	0.27	1.17	-	-		
22 (pilot & purge & blanket gas)	0.22	0.98	1.21	5.32	-	-	0.023	0.10	-	-	-	-	-	-	2.3E-05	0.0001		
23 (pilot & purge gas)	0.086	0.38	0.47	2.06	-	-	0.01	0.04	-	-	-	-	-	-	9E-06	3.9E-05		
25	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
26	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
27	5.29	23.19	5.29	23.19	0.88	3.84	0.0038	0.016	0.064	0.28	0.064	0.28	0.064	0.28	-	-		
28	3.57	15.64	3.00	13.14	0.20	0.86	0.021	0.09	0.27	1.19	0.27	1.19	0.27	1.19	-	-		
30	5.91	25.88	0.27	1.16	0.21	0.91	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-		
31	5.91	25.88	0.27	1.16	0.21	0.91	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-		
32	5.91	25.88	0.27	1.16	0.21	0.91	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-		
33	5.91	25.88	0.27	1.16	0.21	0.91	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-		
34	5.91	25.88	0.27	1.16	0.21	0.91	0.0059	0.026	0.10	0.44	0.10	0.44	0.10	0.44	-	-		
38 (FUG-1)	-	-	-	-	9.05	39.62	-	-	-	-	-	-	-	-	-	-		
39	8.60	37.66	11.90	52.14	0.40	1.74	0.12	0.53	0.17	0.73	0.17	0.73	0.17	0.73	-	-		
40	0.049	0.215	0.041	0.180	0.003	0.012	0.007	0.031	0.004	0.016	0.004	0.016	0.004	0.016	-	-		
Dehy <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DEHY-2 <sup>3</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GT-1 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TK-C <sup>5</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TK-48 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TK-49 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Unit No.	NOx		CO		VOC		SOx		PM <sup>1</sup>		PM10 <sup>1</sup>		PM2.5 <sup>1</sup>		H <sub>2</sub> S		Lead	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
TK-50 <sup>4</sup>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Load-1	-	-	-	-	6.46	28.29	-	-	-	-	-	-	-	-	-	-	-	-
Haul-1	-	-	-	-	-	-	-	-	1.23	0.20	0.31	0.051	0.031	0.0051	-	-	-	-
Haul-2	-	-	-	-	-	-	-	-	1.23	0.64	0.31	0.16	0.03145	0.0164	-	-	-	-
CT-N	-	-	-	-	-	-	-	-	0.31	1.36	0.20	0.86	0.00068	0.0030	-	-	-	-
CT-S	-	-	-	-	-	-	-	-	0.28	1.24	0.18	0.78	0.00062	0.0027	-	-	-	-
TK-1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amine-RS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amine-C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	104.13	456.09	107.62	471.38	33.35	146.06	0.28	1.21	5.00	11.94	2.95	10.36	2.00	8.53	3.2E-05	0.00014	-	-

<sup>1</sup> **Condensable Particulate Matter:** Include condensable particulate matter emissions for PM10 and PM2.5 if the source is a combustion source. Do not include condensable particulate matter for PM unless PM is set equal to PM10 and PM2.5. Particulate matter (PM) is not subject to an ambient air quality standard, but it is a regulated air pollutant under PSD (20.2.74 NMAC) and Title V (20.2.70 NMAC).

<sup>3</sup> Units Dehy and Dehy-2 are completely closed systems with any flash and recirculation gas routed to the VRU and reinjected into inlet gas for recycling. There are no emissions from these

<sup>4</sup> Units GT-1, TK-48, TK-49, and TK-50 are controlled by a VRU with 100% control efficiency. To allow for downtime for maintenance and repair, the effective control efficiency for the VRU

<sup>5</sup> Unit TK-C always has blanket gas which prevents working and breathing emissions. There are no flashing emissions as the liquids being handled are at atmospheric pressure. Emissions from

**Table 2-I: Stack Exit and Fugitive Emission Rates for HAPs and TAPs**

In the table below, report the Potential to Emit for each HAP from each regulated emission unit listed in Table 2-A, only if the entire facility emits the HAP at a rate greater than or equal to one (1) ton per year. For each such emission unit, HAPs shall be reported to the nearest 0.1 tpy. Each facility-wide Individual HAP total and the facility-wide Total HAPs shall be the sum of all HAP sources calculated to the nearest 0.1 ton per year. Per 20.2.72.403.A.1 NMAC, facilities not exempt [see 20.2.72.402.C NMAC] from TAP permitting shall report each TAP that has an uncontrolled emission rate in excess of its pounds per hour screening level specified in 20.2.72.502 NMAC. TAPs shall be reported using one more significant figure than the number of significant figures shown in the pound per hour threshold corresponding to the substance. Use the HAP nomenclature as it appears in Section 112 (b) of the 1990 CAAA and the TAP nomenclature as it listed in 20.2.72.502 NMAC. Include tank-flashing emissions estimates of HAPs in this table. For each HAP or TAP listed, fill all cells in this table with the emission numbers or a "-" symbol. A "-" symbol indicates that emissions of this pollutant are not expected or the pollutant is emitted in a quantity less than the threshold amounts described above.

Stack No.	Unit No.(s)	Total HAPs		Formaldehyde HAP <input checked="" type="checkbox"/>		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP			
		lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
		10	10	0.065	0.29	0.044	0.19														
11	11	0.065	0.29	0.044	0.19																
12	12	0.065	0.29	0.044	0.19																
13	13	0.065	0.29	0.044	0.19																
14	14	0.065	0.29	0.044	0.19																
15	15	0.065	0.29	0.044	0.19																
16	16	0.065	0.29	0.044	0.19																
17	17	0.065	0.29	0.044	0.19																
19	19	0.043	0.19	0.0025	0.011																
20	20	0.094	0.41	0.0026	0.012																
22 (pilot & purge & blanket gas)	22 (pilot & purge & blanket gas)	-	-	-	-																
23 (pilot & purge gas)	23 (pilot & purge gas)	-	-	-	-																
25	25	0.065	0.29	0.044	0.19																
26	26	0.065	0.29	0.044	0.19																
27	27	0.065	0.29	0.044	0.19																
28	28	0.094	0.41	0.0026	0.012																
30	30	0.25	1.1	0.19	0.81																
31	31	0.25	1.1	0.19	0.81																
32	32	0.25	1.1	0.19	0.81																
33	33	0.25	1.1	0.19	0.81																
34	34	0.25	1.1	0.19	0.81																
N/A	38 (FUG-1)	0.23	1.0	-	-																
39	39	0.098	0.43	0.066	0.29																
40	40	0.0013	0.0057	4.6E-05	0.00020																

Stack No.	Unit No.(s)	Total HAPs		Formaldehyde HAP <input checked="" type="checkbox"/>		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP		Provide Pollutant Name Here <input type="checkbox"/> HAP or <input type="checkbox"/> TAP	
		lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
N/A	Dehy <sup>1</sup>	-	-	-	-														
N/A	DEHY-2 <sup>1</sup>	-	-	-	-														
N/A	GT-1 <sup>2</sup>	-	-	-	-														
N/A	TK-C <sup>3</sup>	-	-	-	-														
N/A	TK-48 <sup>2</sup>	-	-	-	-														
N/A	TK-49 <sup>2</sup>	-	-	-	-														
N/A	TK-50 <sup>2</sup>	-	-	-	-														
N/A	Load-1	0.14	0.61	-	-														
N/A	Haul-1	-	-	-	-														
N/A	Haul-2	-	-	-	-														
N/A	CT-N	-	-	-	-														
N/A	CT-S	-	-	-	-														
N/A	TK-1	-	-	-	-														
N/A	Amine-RS	-	-	-	-														
N/A	Amine-C	-	-	-	-														
<b>Totals:</b>		2.68	11.75	1.48	6.49														

<sup>1</sup> Units Dehy and Dehy-2 are completely closed systems with any flash and recirculation gas routed to the VRU and reinjected into inlet gas for recycling. There are no emissions from these units.

<sup>2</sup> Units GT-1, TK-48, TK-49, and TK-50 are controlled by a VRU with 100% control efficiency. To allow for downtime for maintenance and repair, the effective control efficiency for the VRU is 95%. The

<sup>3</sup> Unit TK-C always has blanket gas which prevents working and breathing emissions. There are no flashing emissions as the liquids being handled are at atmospheric pressure. Emissions from blanket gas are



**Air Compressor**

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<b>Generator Set</b>	AC-1		
Description	Air Compressor		
Manufacturer	Ingersol Rand		
Model	unknown		

**Operating Hours**      30    days  
                                  720    hours      30 days x 24 hr/day

**Engine**  
 Sea level horsepower    48    hp      Manufacturer's data

**Emission Calculations**

*Uncontrolled Emissions*

CO	NOx	VOC <sup>2</sup>	SO <sub>2</sub>	PM <sup>1</sup>			
6.68E-03	0.031	2.51E-03	2.05E-03	2.20E-03	lb/hp-hr	AP-42 Table 3.3-1	Emission Factors for uncontrolled diesel engines
<b>0.32</b>	<b>1.49</b>	<b>0.12</b>	<b>0.10</b>	<b>0.11</b>	lb/hr	lb/hp-hr*hp	
<b>0.12</b>	<b>0.54</b>	<b>0.043</b>	<b>0.035</b>	<b>0.038</b>	tpy	Annual emission rate (720 hrs/yr)	

Notes:

<sup>1</sup> As a conservative measure, PM-2.5 and PM-10 are assumed equal to total particulate matter (PM).

<sup>2</sup> VOC AP-42 emission factor = exhaust (0.00247 lb/hp-hr) + crankcase emission (0.0000441 lb/hp-hr) factors.



**Table for STATE REGULATIONS:**

<u>STATE REGULATIONS</u> CITATION	Title	Applies? Enter Yes or No	Unit(s) or Facility	<b>JUSTIFICATION:</b>  (You may delete instructions or statements that do not apply in the justification column to shorten the document.)
20.2.1 NMAC	General Provisions	Yes	Facility	Artesia Gas Plant operates under P095-R3 and therefore this regulation applies.
20.2.3 NMAC	Ambient Air Quality Standards NMAAQS	Yes	Facility	20.2.3 NMAC is a SIP approved regulation that limits the maximum allowable concentration of Total Suspended Particulates, Sulfur Compounds, Carbon Monoxide and Nitrogen Dioxide.
20.2.7 NMAC	Excess Emissions	Yes	Facility	This regulation establishes requirements for the facility if operations at the facility result in any excess emissions. The owner or operator will operate the source at the facility having an excess emission, to the extent practicable, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions. The facility will also notify the NMED of any excess emission per 20.2.7.110 NMAC.
20.2.23 NMAC	Fugitive Dust Control	No	Facility	This regulation does not apply as this application is submitted under 20.2.70 NMAC and therefore exempt of this requirement. Sources exempt from 20.2.23 NMAC are activities and facilities subject to a permit issued pursuant to the NM Air Quality Control Act, the Mining Act, or the Surface Mining Act (20.2.23.108.B NMAC).
20.2.33 NMAC	Gas Burning Equipment - Nitrogen Dioxide	No	N/A	This facility does not have existing gas burning equipment having a heat input of greater than 1,000,000 million British Thermal Units per year per unit. The facility is not subject to this regulation and does not have emission sources that meet the applicability requirements under 20.2.33.108 NMAC.
20.2.34 NMAC	Oil Burning Equipment: NO <sub>2</sub>	No	N/A	This facility does not have oil burning equipment having a heat input of greater than 1,000,000 million British Thermal Units per year per unit. The facility is not subject to this regulation and does not have emission sources that meet the applicability requirements under 20.2.34.108 NMAC.
20.2.35 NMAC	Natural Gas Processing Plant – Sulfur	Yes	Facility	This facility is subject to the requirements of NMAC 20.2.35 for “Existing Natural Gas Processing Plants” though parts of the plant for which a modification commenced on or after July 1, 1974 may be “new”.
20.2.37 and 20.2.36 NMAC	Petroleum Processing Facilities and Petroleum Refineries	N/A	N/A	<b>These regulations were repealed by the Environmental Improvement Board. If you had equipment subject to 20.2.37 NMAC before the repeal, your combustion emission sources are now subject to 20.2.61 NMAC.</b>
<a href="#">20.2.38</a> NMAC	Hydrocarbon Storage Facility	Yes	TK-48, TK-49, TK-50	The purpose of this regulation is to minimize hydrogen sulfide emissions from hydrocarbon storage facilities. Tanks TK-48, TK-49, and TK-50 meet the capacity and throughput requirements of this regulation and are therefore subject. These units comply by controlling emissions with a VRU. TK-C has a capacity of 12,600 gallons which does not meet the 20,000 gallon capacity threshold and is therefore not subject to this regulation.
<a href="#">20.2.39</a> NMAC	Sulfur Recovery Plant - Sulfur	No	N/A	This regulation establishes sulfur emission standards for sulfur recovery plants which are not part of petroleum or natural gas processing facilities. This regulation does not apply to the facility because Artesia Gas Plant does not have a sulfur recovery plant.
20.2.61.109 NMAC	Smoke & Visible Emissions	Yes	Units 10-17, 19, 20, 22, 23, 25-27, 28, 30-34, 39, 40	This facility operates combustion equipment that are subject to this regulation.
20.2.70 NMAC	Operating Permits	Yes	Facility	This regulation establishes requirements for obtaining an operating permit. Artesia is a Title V major source of NO <sub>x</sub> , CO, VOC, and SO <sub>2</sub> . The facility operates under Title V permit P095-R3.

<u>STATE REGU- LATIONS CITATION</u>	<b>Title</b>	<b>Applies? Enter Yes or No</b>	<b>Unit(s) or Facility</b>	<b>JUSTIFICATION:  (You may delete instructions or statements that do not apply in the justification column to shorten the document.)</b>
20.2.71 NMAC	Operating Permit Fees	Yes	Facility	This regulation establishes a schedule of operating permit emission fees. The facility is subject to 20.2.70 NMAC and is therefore subject to requirements of this regulation.
20.2.72 NMAC	Construction Permits	Yes	Facility	This regulation establishes the requirements for obtaining a construction permit. The facility is a stationary source that has potential emission rates great than 10 pounds per hour or 25 tons per year of any regulated air contaminant for which there is a National or New Mexico Air Quality Standard. The facility has a construction permit (NSR Permit) 0434-M10-R2 to meet the requirements of this regulation.
20.2.73 NMAC	NOI & Emissions Inventory Requirements	Yes	Facility	This regulation establishes emission inventory requirements. The facility meets the applicability requirements of 20.2.73.300 NMAC. The facility will meet all applicable reporting requirements under 20.2.73.300.B.1 NMAC.
20.2.74 NMAC	Permits – Prevention of Significant Deterioration (PSD)	Yes	Facility	This regulation establishes requirements for obtaining a PSD permit. This facility is a major source for PSD purposes and is in compliance with the applicable requirements of this regulation.
20.2.75 NMAC	Construction Permit Fees	Yes	Facility	This regulation establishes the guidelines and requirements for construction permitting fees. This facility is subject to this regulation per 20.2.75.10.A, and will be required to submit a 500 dollar permit filing fee.
20.2.77 NMAC	New Source Performance	Yes	Units subject to 40 CFR 60	These units are stationary sources which are subject to the requirements of 40 CFR Part 60, as amended through September 23, 2013.
20.2.78 NMAC	Emission Standards for HAPS	No	Units Subject to 40 CFR 61	This regulation applies to all sources subject to a 40 CFR 60 regulation, as amended through December 31, 2010. Although this standard does not apply to this facility under routine operating conditions, in the case of asbestos demolition, Subpart M would apply.
20.2.79 NMAC	Permits – Nonattainment Areas	No	Facility	This regulation establishes the requirements for obtaining a nonattainment area permit. The facility is not located in a non-attainment area and therefore is not subject to this regulation.
20.2.80 NMAC	Stack Heights	No	N/A	This regulation establishes requirements for the evaluation of stack heights and other dispersion techniques. This regulation does not apply as all stacks at the facility follow good engineering practice.
20.2.82 NMAC	MACT Standards for source categories of HAPS	Yes	Units Subject to 40 CFR 63	This regulation applies to all sources emitting hazardous air pollutants, which are subject to the requirements of 40 CFR Part 63, as amended through August 29, 2013. MACT Subparts HH and ZZZZ apply.

**Table for Applicable FEDERAL REGULATIONS:**

<b>FEDERAL REGULATIONS CITATION</b>	<b>Title</b>	<b>Applies? Enter Yes or No</b>	<b>Unit(s) or Facility</b>	<b>JUSTIFICATION:</b>
40 CFR 50	NAAQS	Yes	Facility	This regulation defines national ambient air quality standards. The facility meets all applicable national ambient air quality standards for NOx, CO, SO2, H2S, PM10, and PM2.5 under this regulation.
NSPS 40 CFR 60, Subpart A	General Provisions	Yes	31, 32, 38, TK-48, TK-49, TK-50	This regulation defines general provisions for relevant standards that have been set under this part. This subpart applies as other NSPS subparts apply.
NSPS 40 CFR60.40a, Subpart Da	Subpart Da, Performance Standards for <b>Electric Utility Steam Generating Units</b>	No	N/A	This regulation establishes standards of performance for electric utility steam generating units. This regulation does not apply because the facility does not operate any electric utility steam generating units.
NSPS 40 CFR60.40b Subpart Db	<b>Electric Utility Steam Generating Units</b>	No	N/A	This regulation establishes standards of performance for industrial-commercial-institutional steam generating units. This regulation does not apply because the facility does not operate any industrial-commercial-institutional steam generating units.
40 CFR 60.40c, Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	No	N/A	This regulation establishes standards of performance for small industrial-commercial-institutional steam generating units for which construction, modification, or reconstruction commenced after June 9, 1989 and that has a maximum design heat input capacity of greater than or equal to 10 MMBtu/h. Unit 20 meets the minimum heat duty of this regulation however, it was not modified after this regulation was applicable therefore this subpart does not apply.
NSPS 40 CFR 60, Subpart Ka	Standards of Performance for <b>Storage Vessels for Petroleum Liquids</b> for which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and <b>Prior</b> to July 23, 1984	No	N/A	This regulation establishes performance standards for storage vessels for petroleum liquids for which construction, reconstruction, or modification commenced after May 18, 1978, and prior to July 23, 1984. There are no petroleum liquid storage vessels which commenced construction, reconstruction, or modification after May 18, 1978, and prior to July 23, 1984. Accordingly, this regulation does not apply.
NSPS 40 CFR 60, Subpart Kb	Standards of Performance for <b>Volatile Organic Liquid Storage Vessels</b> (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced <b>After</b> July 23, 1984	Yes	TK-48, TK-49, TK-50	This regulation establishes performance standards for storage vessels for volatile organic liquids for which construction, reconstruction, or modification commenced after July 23, 1984. This facility has storage vessels, TK-48, 49, and 50, each with a capacity greater than or equal to 75 cubic meters that are used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification commenced after July 23, 1984. Unit TK-C has a capacity of 48 cubic meters and is therefore not subject to the requirements of this regulation.
NSPS 40 CFR 60.330 Subpart GG	<b>Stationary Gas Turbines</b>	No	N/A	This regulation establishes standards of performance for stationary gas turbines with a heat input at a peak load equal to or greater than 10 MMBtu/hr based on the lower heating value of the fuel fired and have commenced construction, modification, or reconstruction after October 3, 1977. This regulation is not applicable as this facility does not have any stationary gas turbines.

<u>FEDERAL REGU- LATIONS CITATION</u>	<b>Title</b>	<b>Applies? Enter Yes or No</b>	<b>Unit(s) or Facility</b>	<b>JUSTIFICATION:</b>
NSPS 40 CFR 60, Subpart KKK	Leaks of VOC from <b>Onshore Gas Plants</b>	Yes	38 (FUG-1)	This regulation defines standards of performance for equipment leaks of VOC emissions from onshore natural gas processing plants for which construction, reconstruction, or modification commenced after January 20, 1984, and on or before August 23, 2011. Any affected facility under paragraph (a) of this section that commences construction, reconstruction, or modification after January 20, 1984, is subject to the requirements of this subpart. The group of all equipment (each pump, pressure relief device, open-ended valve or line, valve, compressor, and flange or other connector that is in VOC service or in wet gas service, and any device or system required by this subpart) except compressors (defined in § 60.631) within a process unit is an affected facility. A compressor station, dehydration unit, sweetening unit, underground storage tank, field gas gathering system, or liquefied natural gas unit is covered by this subpart if it is located at an onshore natural gas processing plant. If the unit is not located at the plant site, then it is exempt from the provisions of this subpart.
NSPS 40 CFR Part 60 Subpart LLL	Standards of Performance for <b>Onshore Natural Gas Processing: SO<sub>2</sub> Emissions</b>	No	N/A	This regulation establishes standards of performance for SO <sub>2</sub> emissions from onshore natural gas processing for which construction, reconstruction, or modification of the amine sweetening unit commenced after January 20, 1984 and on or before August 23, 2011. This regulation is not applicable. The facility does have an affected unit (amine treater), but pursuant to 60.640(e) the provisions of this subpart do not apply as produced acid gas is completely re-injected into oil or gas bearing geologic strata via the AGI well.
NSPS 40 CFR Part 60 Subpart OOOO	Standards of Performance for Crude Oil and Natural Gas Production, Transmission, and Distribution for which construction, modification or reconstruction commenced after August 23, 2011 and before September 18, 2015	No	N/A	<p>The rule applies to “affected” facilities that are constructed, modified, or reconstructed after Aug 23, 2011 (40 CFR 60.5365): gas wells, including fractured and hydraulically refractured wells, centrifugal compressors, reciprocating compressors, pneumatic controllers, certain equipment at natural gas processing plants, sweetening units at natural gas processing plants, and storage vessels.</p> <p>If there is a standard or other requirement, then the facility is an “affected facility.” Currently there are standards for: gas wells (60.5375); centrifugal compressors (60.5380); reciprocating compressors (60.5385); controllers (60.5390); storage vessels (60.5395); equipment leaks (60.5400); sweetening units (60.5405).</p> <p><b>The “affected facilities” at this facility were not constructed, modified, or reconstructed after August 23, 2011. This regulation does not apply.</b></p>
NSPS 40 CFR Part 60 Subpart OOOOa	Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015	No	N/A	This facility was built prior to the enactment date of this regulation.
NSPS 40 CFR 60 Subpart IIII	Standards of performance for Stationary Compression Ignition Internal Combustion Engines	No	N/A	This facility does not have any IIII applicable engines.

<u>FEDERAL REGU- LATIONS CITATION</u>	<b>Title</b>	<b>Applies? Enter Yes or No</b>	<b>Unit(s) or Facility</b>	<b>JUSTIFICATION:</b>
NSPS 40 CFR Part 60 Subpart JJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	Yes	31, 32	This regulation establishes standards of performance for stationary spark ignition combustion engines. Units 31 and 32 commenced construction after June 12, 2006 and were manufactured after January 1, 2008. Engines 39 and 10 commenced construction after June 12, 2006 but have maximum engine power less than 500 horsepower and were manufactured before July 1, 2007. These units are not subject to this regulation. All other engines at this facility are not subject to NSPS JJJ as they commenced construction prior to June 12, 2006.
NSPS 40 CFR 60 Subpart TTTT	Standards of Performance for Greenhouse Gas Emissions for Electric Generating Units	No	N/A	N/A – this facility is not subject to this regulation.
NSPS 40 CFR 60 Subpart UUUU	Emissions Guidelines for Greenhouse Gas Emissions and Compliance Times for Electric Utility Generating Units	No	N/A	N/A – this facility is not subject to this regulation.
NSPS 40 CFR 60, Subparts WWW, XXX, Cc, and Cf	Standards of performance for Municipal Solid Waste (MSW) Landfills	No	N/A	N/A – this facility is not subject to this regulation.
NSPS 40 CFR 60, Subparts CCCCC	Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	Yes	TK-1	This subpart establishes national emission limitations and management practices for hazardous air pollutants (HAP) emitted from the loading of gasoline storage tanks at gasoline dispensing facilities (GDF). Unit TK-1 meets these requirements and therefore this subpart applies.
NESHAP 40 CFR 61 Subpart A	General Provisions	No	N/A	This part applies to the owner or operator of any stationary source for which a standard is prescribed under this part. Although this regulation does not apply during normal operation, this facility could emit hazardous air pollutants which are subject to the requirements of 40 CFR Part 61 as amended through November 30, 2006. In the case of asbestos demolition, one NESHAP could apply (see Subpart M below.)
NESHAP 40 CFR 61 Subpart E	National Emission Standards for <b>Mercury</b>	No	N/A	N/A – this facility is not subject to this regulation.
NESHAP 40 CFR 61 Subpart V	National Emission Standards for <b>Equipment Leaks</b> (Fugitive Emission Sources)	No	N/A	The provisions of this subpart apply to each of the following sources that are intended to operate in volatile hazardous air pollutant (VHAP) service: pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, and control devices or systems required by this subpart. VHAP service means a piece of equipment either contains or contacts a fluid (liquid or gas) that is at least 10 percent by weight of VHAP. VHAP means a substance regulated under this subpart for which a standard for equipment leaks of the substance has been promulgated. Benzene is a VHAP (See 40 CFR 61 Subpart J). Artesia does not have equipment in VHAP service as determined according to the provisions of §61.245(d).

<b>FEDERAL REGU- LATIONS CITATION</b>	<b>Title</b>	<b>Applies? Enter Yes or No</b>	<b>Unit(s) or Facility</b>	<b>JUSTIFICATION:</b>
MACT 40 CFR 63, Subpart A	General Provisions	Yes	Dehy, Dehy-2, 10-17, 25-27, 30-34, 39	This regulation defines general provisions for relevant standards that have been set under this part. This regulation applies as MACT Subparts HH and ZZZZ apply.
MACT 40 CFR 63.760 Subpart HH	<b>Oil and Natural Gas Production Facilities</b>	Yes	Dehy, Dehy-2	The glycol dehydrator (unit Dehy) at the Artesia Plant is a closed system with flash and regeneration gases routed to inlet compression for recycling thus meeting the requirements of this part. The ancillary equipment associated with this unit are subject to NSPS KKK and have no requirements under subpart HH. The glycol dehydrator (unit Dehy-2) that was added to the facility is a closed system and has a condenser and reboiler associated with the unit. Gas that is leaving the mol sieve dehydrator will enter the glycol dehydrator. Gas leaving the dehydrator will be routed to the residue gas line.
MACT 40 CFR 63 Subpart HHH	<b>Oil and Natural Gas Production Facilities</b>	No	N/A	This regulation establishes national emission standards for hazardous air pollutants from natural gas transmission and storage facilities. This regulation does not apply because this facility is not a natural gas transmission or storage facility as defined in this regulation [40 CFR Part 63.1270(a)]. This facility is also not a major source of HAPs.
MACT 40 CFR 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines ( <b>RICE MACT</b> )	Yes	10-17, 25-27, 30-34, 39	This regulation defines national emissions standards for HAPs for stationary reciprocating Internal Combustion Engines. Units 10, 31, 32, and 39 are new units at an area source of HAPs and subject to MACT ZZZZ, but pursuant to 63.6590(c), have no further requirements under this part by virtue of meeting the requirements under 40 CFR 60, Subpart JJJJ (if they are subject to NSPS JJJJ). As Units 10 and 39 are not subject to NSPS JJJJ, they have no requirements under NSPS JJJJ or MACT ZZZZ. All other stationary RICE are existing units at an area source of HAPS and subject to MACT ZZZZ. Pursuant to 40 CFR 63.6595(a), these units must comply with applicable emission limitation and operating limitations no later than October 19, 2013.
40 CFR 64	<b>Compliance Assurance Monitoring</b>	Yes	Amine- R2, Amine- C, 23, 10- 17, 25- 27, 30- 34, 39, AGI	This regulation defines compliance assurance monitoring. In general terms, a CAM-affected unit must: <ul style="list-style-type: none"> <li>• Be at a major source that is required to obtain a part 70 or 71 permit;</li> <li>• Be subject to an emission limit for a pollutant;</li> <li>• Use a control device to achieve compliance with that limit; and</li> <li>• Have a pre-control potential to emit for that pollutant greater than major source level.</li> </ul> This regulation is applicable as the AGI well is subject to this part and has monitoring conditions specified in Operating Permit P095-R3. Stationary RICE Units 10 through 17, 25 through 27, and 39 are CAM affected units and have monitoring conditions specified in Operating Permit P095-R3.
40 CFR 68	<b>Chemical Accident Prevention</b>	Yes	Facility	The facility is an affected facility as it has quantities of materials regulated by 40 CFR Part 68 that are in excess of the triggering threshold. The facility maintains a current RMP for these chemicals.
Title IV – Acid Rain 40 CFR 72	<b>Acid Rain</b>	No	N/A	This part establishes the acid rain program. This facility is not an acid rain source. This regulation does not apply.
Title IV – Acid Rain 40 CFR 73	<b>Sulfur Dioxide Allowance Emissions</b>	No	N/A	This regulation establishes sulfur dioxide allowance emissions for certain types of facilities. This facility is not an acid rain source. This regulation does not apply.

<b><u>FEDERAL REGU- LATIONS CITATION</u></b>	<b>Title</b>	<b>Applies? Enter Yes or No</b>	<b>Unit(s) or Facility</b>	<b>JUSTIFICATION:</b>
Title IV-Acid Rain 40 CFR 75	<b>Continuous Emissions Monitoring</b>	No	N/A	This part establishes the acid rain program. This part does not apply because the facility is not covered by this regulation.
Title IV – Acid Rain 40 CFR 76	<b>Acid Rain Nitrogen Oxides Emission Reduction Program</b>	No	N/A	This regulation establishes an acid rain nitrogen oxides emission reduction program. This regulation applies to each coal-fired utility unit that is subject to an acid rain emissions limitation or reduction requirement for SO <sub>2</sub> . This part does not apply because the facility does not operate any coal-fired units [40 CFR Part 76.1].
Title VI – 40 CFR 82	<b>Protection of Stratospheric Ozone</b>	No	N/A	Not Applicable –facility does not “service”, “maintain” or “repair” class I or class II appliances nor “disposes” of the appliances. Note: Disposal definition in 82.152: Disposal means the process leading to and including: (1) The discharge, deposit, dumping or placing of any discarded appliance into or on any land or water; (2) The disassembly of any appliance for discharge, deposit, dumping or placing of its discarded component parts into or on any land or water; or (3) The disassembly of any appliance for reuse of its component parts. “Major maintenance, service, or repair means” any maintenance, service, or repair that involves the removal of any or all of the following appliance components: compressor, condenser, evaporator, or auxiliary heat exchange coil; or any maintenance, service, or repair that involves uncovering an opening of more than four (4) square inches of “flow area” for more than 15 minutes.