Appendix A Summary of Changes in VOC Emissions due to Rule Effectiveness

						Nog			N		Perce	entage	cords B Change due to I	•	у
SCC	SCC1 Description	SCC3 Description	SCC6 Description	SCC8 Description	VOC (tpy)	VOC after RE (tpy)	Inc. (%)	No. of Rec.	0	0- 10	10- 90	90- 101	101- 180	180- 200	200 +
49090023	Petroleum and Solvent Evaporation	Organic Solvent Evaporation	Fuel Fired Equipment	Natural Gas: Flares	0.00	0.01	100	1				1			
40899999	Petroleum and Solvent Evaporation	Organic Chemical Transportation	Specific Liquid	Loading Rack	17.84	17.90	0	7	6		1				
40899997	Petroleum and Solvent Evaporation	Organic Chemical Transportation	Specific Liquid	Marine Vessels: Loading Rack	37.42	37.88	1	5	4			1			
40899995	Petroleum and Solvent Evaporation	Organic Chemical Transportation	Specific Liquid	Cars/Trucks: Loading Rack	3.22	3.23	0	5	4				1		
40799998	Petroleum and Solvent Evaporation	Organic Chemical Storage	Miscellaneous	Specify in Comments	4.03	4.37	8	17	16			1			
40729697	Petroleum and Solvent Evaporation	Organic Chemical Storage	Floating Roof Tanks - Miscellaneous	Specify In Comments: Breathing Loss	0.05	0.11	93	1				1			
40717697	Petroleum and Solvent Evaporation	Organic Chemical Storage	Floating Roof Tanks - Alkanes (Paraffins)	Specify Alkane: Standing Loss	3.80	11.02	190	6						6	
40717613	Petroleum and Solvent Evaporation	Organic Chemical Storage	Floating Roof Tanks - Alkanes (Paraffins)	Petroleum Distillates: Standing Loss	2.41	4.70	95	1				1			
40717612	Petroleum and Solvent Evaporation	Organic Chemical Storage	Floating Roof Tanks - Alkanes (Paraffins)	Naphtha: Withdrawal Loss	2.41	4.69	95	1				1			
40714697	Petroleum and Solvent Evaporation	Organic Chemical Storage	Fixed Roof Tanks - Miscellaneous	Specify In Comments: Breathing Loss	5.65	6.61	17	3	2			1			

 Table A-1.
 Summary of changes in VOC emissions due to rule effectiveness by SCC for Nueces and San Patricio Counties.

	Petroleum	Organic													
	and Solvent	Chemical	Fixed Roof	Specify Ether:											
40704898	Evaporation	Storage	Tanks - Ethers	Working Loss	0.28	0.31	9	2	1			1			
			Fixed Roof												
	Petroleum	Organic	Tanks -												
10501000	and Solvent	Chemical	Carboxylic	Acetic Acid:											
40704002	Evaporation	Storage	Acids	Working Loss	0.05	0.10	93	1				1			
	Petroleum	Organic	Fixed Roof												
40702602	and Solvent	Chemical	Tanks -	Benzene: Working	0.15	0.25	70	2	2			1			
40703602	Evaporation	Storage	Aromatics	Loss	0.15	0.25	70	3	2			1			
	Petroleum	Organic	Fixed Roof												
40700815	and Solvent	Chemical	Tanks -	Methyl Alcohol:	1.00	1.55	55	5	3		1	1			
40700813	Evaporation	Storage	Alcohols	Breathing Loss	1.00	1.55	33	3	3		1	1			
	Petroleum	Transportation and Marketing													
	and Solvent	of Petroleum	Fugitive	Specify in											
40688801	Evaporation	Products	Emissions	Specify in Comments Field	28.57	32.91	15	5	1	1	3				
4000001	Evaporation	Transportation	EIIIISSIOIIS	Comments Field	20.57	52.71	15	5	1	1	5				
	Petroleum	and Marketing													
	and Solvent	of Petroleum		Tanker/Barge											
40600259	Evaporation	Products	Marine Vessels	Cleaning	76.54	111.01	45	2	1					1	
10000207	Litupolution	Transportation	Warme Vessels	Cicumig	, 010 1	111101		-	-					-	
	Petroleum	and Marketing													
	and Solvent	of Petroleum		Jet Fuel: Loading											
40600249	Evaporation	Products	Marine Vessels	Barges	12.98	24.44	88	2	1					1	
	•	Transportation		Ŭ											
	Petroleum	and Marketing		Gasoline: Tanker											
	and Solvent	of Petroleum		Ship - Ballasted											
40600239	Evaporation	Products	Marine Vessels	Tank Condition	63.17	79.66	26	3	2			1			
		Transportation													
	Petroleum	and Marketing		Gasoline: Barges											
10 (000000	and Solvent	of Petroleum		Loading -											
40600238	Evaporation	Products	Marine Vessels	Uncleaned Tanks	2.95	3.23	9	3	2		1				
		Transportation		Gasoline:											
	Petroleum	and Marketing		Submerged											
40(00121	and Solvent	of Petroleum	Tank Cars and	Loading (Normal	11.57	17.34	50	6	5			1			
40600131	Evaporation	Products	Trucks	Service)	11.57	17.54	50	0	3			1			
	Dotus 1	Datus	Oil and Gas	Internal Election											
	Petroleum and Solvent	Petroleum	Field Storage	Internal Floating Roof Tank:											
40400305	Evaporation	Liquids Storage (non-Refinery)	and Working Tanks	Standing Loss	6.89	20.00	190	5						5	
-0-00505	Evaporation	(non-Kermery)	Oil and Gas	External Floating	0.07	20.00	170	5						5	
	Petroleum	Petroleum	Field Storage	Roof Tank with											
	and Solvent	Liquids Storage	and Working	Secondary Seals:											
40400304	Evaporation	(non-Refinery)	Tanks	Standing Loss	13.44	38.96	190	9						9	
10100501	Linguiation	(non rennery)	1 uliko	Standing Loss	10.11	50.70	170	,	I				1		

40400260 F 40400240 F 40400179 F 40400160 F	Petroleum and Solvent Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent Evaporation	Petroleum Liquids Storage (non-Refinery) Petroleum Liquids Storage (non-Refinery) Petroleum Liquids Storage (non-Refinery)	Bulk Plants Bulk Plants Bulk Terminals	Specify Liquid: Standing Loss - Internal Floating Roof w/ Primary Seal Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof (Primary/Secondar	6.86 32.77	17.65 95.04	157	<u>10</u> 9		7		3	
40400260 F 40400240 F 40400179 F 40400160 F	and Solvent Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent Evaporation	Liquids Storage (non-Refinery) Petroleum Liquids Storage (non-Refinery) Petroleum Liquids Storage	Bulk Plants	Internal Floating Roof w/ Primary Seal Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof						 7		3	
40400260 F 40400240 F 40400179 F 40400160 F	and Solvent Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent Evaporation	Liquids Storage (non-Refinery) Petroleum Liquids Storage (non-Refinery) Petroleum Liquids Storage	Bulk Plants	Roof w/ Primary Seal Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof						 7		3	
40400260 F 40400240 E 40400179 E 40400160 E	Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent Evaporation	(non-Refinery) Petroleum Liquids Storage (non-Refinery) Petroleum Liquids Storage	Bulk Plants	Seal Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof						 7		3	
40400240 E 40400179 E 40400160 E	Petroleum and Solvent Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent	Petroleum Liquids Storage (non-Refinery) Petroleum Liquids Storage	Bulk Plants	Specify Liquid: Standing Loss - Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof						 7			
40400240 E 40400179 E 40400160 E	and Solvent Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent	Liquids Storage (non-Refinery) Petroleum Liquids Storage		Standing Loss - Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof	32.77	95.04	190	9					
40400240 E 40400179 E 40400160 E	and Solvent Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent	Liquids Storage (non-Refinery) Petroleum Liquids Storage		Ext. Floating Roof w/ Secondary Seal Specify Liquid: Internal Floating Roof	32.77	95.04	190	Q					
40400240 F 40400179 F 40400160 F	Evaporation Petroleum and Solvent Evaporation Petroleum and Solvent	(non-Refinery) Petroleum Liquids Storage		w/ Secondary Seal Specify Liquid: Internal Floating Roof	32.77	95.04	190	9					
40400179 E 40400160 E	Petroleum and Solvent Evaporation Petroleum and Solvent	Petroleum Liquids Storage		Specify Liquid: Internal Floating Roof	52.11	75.04	170					9	
40400179 E 40400160 E	and Solvent Evaporation Petroleum and Solvent	Liquids Storage	Bulk Terminals	Internal Floating Roof				,	 			,	
40400179 E 40400160 E	and Solvent Evaporation Petroleum and Solvent	Liquids Storage	Bulk Terminals	Roof									
40400179 E 40400160 E	and Solvent Evaporation Petroleum and Solvent	Liquids Storage	Bulk Terminals										
40400179 F 40400160 F	Evaporation Petroleum and Solvent		Bulk Terminals	(Primary/Secondar									
40400160 ² F	Petroleum and Solvent	(y Seal)	18.14	52.61	190	3				3	
40400160 a	and Solvent		1	Specify Liquid:				-				-	
40400160 a	and Solvent			Standing Loss -									
40400160 H		Petroleum		Internal Floating									ļ
	Evanoration	Liquids Storage		Roof w/ Primary									
	LVaporation	(non-Refinery)	Bulk Terminals	Seal	45.30	128.06	183	15		2	1	12	
	Petroleum	Petroleum											
	and Solvent	Liquids Storage		Vapor Collection									
40400152 H	Evaporation	(non-Refinery)	Bulk Terminals	Losses	0.02	0.04	120	1			1		
	Petroleum	Petroleum											
	and Solvent	Liquids Storage		Valves, Flanges,			1			_		_	
40400151 H	Evaporation	(non-Refinery)	Bulk Terminals	and Pumps	13.92	31.91	129	4		2		2	
	Petroleum	Petroleum		Miscellaneous									
	and Solvent	Liquids Storage		Losses/Leaks:			1107						ļ
40400150 E	Evaporation	(non-Refinery)	Bulk Terminals	Loading Racks	0.17	0.49	187	1				1	
				Specify Liquid:									
		_		Standing Loss -									
	Petroleum	Petroleum		Ext. Float Roof									
10100110	and Solvent	Liquids Storage		Tank w/ Second'y	1.00	2.90	190	1				1	
40400140	Evaporation	(non-Refinery)	Bulk Terminals	Seal	1.00	2.90	190	1	 			1	
				Specify Liquid:									
	Petroleum	Petroleum		Standing Loss - External Floating									
	and Solvent	Liquids Storage		Roof w/ Primary									
	Evaporation	(non-Refinery)	Bulk Terminals	Seal	0.14	0.41	190	1				1	
40400130 1	Evaporation	(non-Kermery)	Durk Terminais	Diesel Fuel:	0.14	0.41	170	1				1	
				Working Loss									
	Petroleum	Petroleum		(Diameter									
				· · · · · · · · · · · · · · · · · · ·									
40.400.400			Bulk Terminals		0.00	0.00		1					
	Evaporation	Petroleum		Diesel Fuel:									
	Evaporation Petroleum	Liquids Storage		Standing Loss								1	
40400121 H		Liquius Storage				3.54	114						ļ
40400122 E	and Solvent	Liquids Storage (non-Refinery) Petroleum	Bulk Terminals	Independent) - Fixed Roof Tank Diesel Fuel:	0.00	0.00		1					

[Independent) -										
				Fixed Roof Tank										
	Petroleum	Petroleum												
	and Solvent	Product Storage	Fugitive	Specify in										
40388801	Evaporation	at Refineries	Emissions	Comments Field	78.49	88.37	13	10	9		1			
				Specify Liquid:										
	Petroleum	Petroleum	Floating Roof	Standing Loss										
	and Solvent	Product Storage	Tanks (Varying	(250000 Bbl. Tank										
40301199	Evaporation	at Refineries	Sizes)	Size)	24.07	47.18	96	26	6		18	1	1	
				Specify Liquid:										
	Petroleum	Petroleum	Floating Roof	Standing Loss										
10001100	and Solvent	Product Storage	Tanks (Varying	(67000 Bbl. Tank			1							
40301198	Evaporation	at Refineries	Sizes)	Size)	15.23	33.33	119	9			6		3	
	Petroleum	Petroleum	Floating Roof											
40201105	and Solvent	Product Storage	Tanks (Varying	Specify Liquid:			1110	100			105			
40301197	Evaporation	at Refineries	Sizes)	Withdrawal Loss	244.43	518.59	112	133		3	105	1	24	
	Petroleum	Petroleum	Floating Roof	Distillate Fuel #2:										
40201155	and Solvent	Product Storage	Tanks (Varying	Standing Loss -	0.70	2 00	100	2					2	
40301155	Evaporation	at Refineries	Sizes)	Internal	0.72	2.09	190	3					3	
	Petroleum	Petroleum	Floating Roof	Crude Oil:										
40201152	and Solvent	Product Storage	Tanks (Varying	Standing Loss -	20.76	40.40	07	7			-			
40301152	Evaporation	at Refineries	Sizes)	Internal	20.76	40.48	95	7			7			
	Petroleum	Petroleum	Floating Roof	~ ~										
40201151	and Solvent	Product Storage	Tanks (Varying	Gasoline: Standing	97.50	176.66	102	10			17		2	
40301151	Evaporation	at Refineries	Sizes)	Loss - Internal	87.59	176.66	102	19			17		2	
	Petroleum	Petroleum	Floating Roof	Specify Liquid:										
40201150	and Solvent	Product Storage	Tanks (Varying	Standing Loss -	102 50	215 (1	108	51	1		47		3	
40301150	Evaporation	at Refineries	Sizes)	Internal	103.56	215.61	108	51	1		47		3	
	D 1	D . 1		Crude Oil:										
	Petroleum	Petroleum	Floating Roof	Standing Loss -										
40301142	and Solvent	Product Storage	Tanks (Varying	External -	74.87	201.99	170	9			2		7	
40301142	Evaporation Petroleum	at Refineries Petroleum	Sizes) Floating Roof	Secondary Seal Gasoline: Standing	/4.0/	201.99	170)			2		/	
	and Solvent	Product Storage	Tanks (Varying	Loss - External -										
40301141	Evaporation	at Refineries	Sizes)	Secondary Seal	63.48	123.78	95	4			4			
40301141	Evaporation	at Kernieries	51268)	Specify Liquid:	05.40	125.70	75				-	-		
	Petroleum	Petroleum	Floating Roof	Standing Loss -										
	and Solvent	Product Storage	Tanks (Varying	External -										
40301140	Evaporation	at Refineries	Sizes)	Secondary Seal	30.78	70.49	129	8	1		4		3	
40301140	Evaporation	at Kernieries	51265)	Crude Oil:	50.70	70.47	127	0	1				5	
	Petroleum	Petroleum	Floating Roof	Standing Loss -										
	and Solvent	Product Storage	Tanks (Varying	External - Primary										
40301132	Evaporation	at Refineries	Sizes)	Seal	4.34	12.57	190	2					2	
	Petroleum	Petroleum	Floating Roof	Specify Liquid:				_			<u> </u>			
	and Solvent	Product Storage	Tanks (Varying	Standing Loss -										
40301130	Evaporation	at Refineries	Sizes)	External - Primary	4.27	8.33	95	1			1			

				Seal										
	Petroleum	Petroleum	Floating Roof											
40201120	and Solvent	Product Storage	Tanks (Varying	Distillate Fuel #2:	0.07	1.70	07	2			2	1		
40301120	Evaporation	at Refineries	Sizes)	Withdrawal Loss	0.87	1.70	95	3			2	1		
	Petroleum	Petroleum	Floating Roof											
40301117	and Solvent	Product Storage	Tanks (Varying	Crude Oil RVP 5:	3.94	7.69	95	1			1			
40301117	Evaporation	at Refineries	Sizes)	Withdrawal Loss	5.94	7.09	93	1			1			
	Petroleum	Petroleum	Floating Roof	Jet Naphtha (JP- 4): Standing Loss										
	and Solvent	Product Storage	Tanks (Varying	(67000 Bbl. Tank										
40301111	Evaporation	at Refineries	Sizes)	Size)	19.70	38.42	95	5			5			
	Druporution	ut recimentes	Silles)	Crude Oil RVP 5:							-			
	Petroleum	Petroleum	Floating Roof	Standing Loss										
	and Solvent	Product Storage	Tanks (Varying	(250000 Bbl. Tank										
40301110	Evaporation	at Refineries	Sizes)	Size)	95.15	196.94	107	17			15		2	
				Crude Oil RVP 5:										
	Petroleum	Petroleum	Floating Roof	Standing Loss										
40201100	and Solvent	Product Storage	Tanks (Varying	(67000 Bbl. Tank	1.0.0	7.02	07	•			2			
40301109	Evaporation	at Refineries	Sizes)	Size)	4.06	7.92	95	2			2			
				Gasoline RVP										
	D (1	D (1		13/10/7:										
	Petroleum and Solvent	Petroleum Product Storage	Floating Roof Tanks (Varying	Withdrawal Loss (250000 Bbl.Tank										
40301108	Evaporation	at Refineries	Sizes)	(250000 Bbi. Talik Size)	91.92	186.30	103	14			13		1	
40501100	Evaporation	at Kernieries	51265)	Gasoline RVP 10:)1.)2	100.50	105	17			15		1	
	Petroleum	Petroleum	Floating Roof	Standing Loss										
	and Solvent	Product Storage	Tanks (Varying	(250000 Bbl. Tank										
40301105	Evaporation	at Refineries	Sizes)	Size)	1.99	3.89	95	1			1			
			, í	Gasoline RVP 13:										
	Petroleum	Petroleum	Floating Roof	Standing Loss										
	and Solvent	Product Storage	Tanks (Varying	(250000 Bbl. Tank										
40301104	Evaporation	at Refineries	Sizes)	Size)	38.81	75.68	95	1			1			
				Gasoline RVP 7:										
	Petroleum	Petroleum	Floating Roof	Standing Loss										
40301103	and Solvent	Product Storage	Tanks (Varying	(67000 Bbl. Tank	58.63	114.34	95	7			7			
40501105	Evaporation	at Refineries	Sizes)	Size)	38.05	114.54	93	1			/			
	Petroleum	Petroleum	Floating Roof	Gasoline RVP 13: Standing Loss										
	and Solvent	Petroleum Product Storage	Tanks (Varying	(67000 Bbl. Tank										
40301101	Evaporation	at Refineries	Sizes)	Size)	2.18	4.25	95	2			2			
10201101	Draporation	at refilences	51203)	Specify Liquid:	2.10	1.25	75							
	Petroleum	Petroleum	Fixed Roof	Working Loss										
	and Solvent	Product Storage	Tanks (Varying	(Tank Diameter					13					
40301099	Evaporation	at Refineries	Sizes)	Independent)	280.23	284.17	1	140	7		1		1	1
	Petroleum	Petroleum	Fixed Roof	Specify Liquid:										
40301097	and Solvent	Product Storage	Tanks (Varying	Breathing Loss	11.63	11.92	2	18	7	2	9			

	Evaporation	at Refineries	Sizes)	(67000 Bbl. Tank Size)										
				Jet Naphtha (JP-										
	Petroleum	Petroleum	Fixed Roof	4): Working Loss										
40201015	and Solvent	Product Storage	Tanks (Varying	(Tank Diameter	1.50	0.77	0.5	2				1		
40301015	Evaporation	at Refineries	Sizes)	Independent)	4.50	8.77	95	2	1			1		
	D (1	D (1	Deleted - Do											
	Petroleum and Solvent	Petroleum Product Storage	Not Use (See 4- 03-011 and 4-											
40300202	Evaporation	at Refineries	03-011 and 4- 07)	Product **	43.08	96.98	125	23				16	7	
10500202	Lvaporation	at Refineries	Deleted - Do	Tioduct	15.00	70.70	125	23				10	,	
	Petroleum	Petroleum	Not Use (See 4-											
	and Solvent	Product Storage	03-010 and 4-											
40300104	Evaporation	at Refineries	07)	Crude **	0.24	0.69	188	1					1	
	Petroleum	Organic	Cold Solvent											
10100000	and Solvent	Solvent	Cleaning/Stripp	Methylene	0.75	0.70		1		1				
40100302	Evaporation	Evaporation	ing	Chloride	0.75	0.78	5	1		1				
38500101	Industrial		Process		119.98	121.72	1	36	35		1			
38300101	Processes	Cooling Tower Oil and Gas	Cooling	Mechanical Draft	119.98	121.72	1	30	55		1			
31088801	Industrial Processes	Production	Fugitive Emissions	Specify in Comments Field	22.38	25.29	13	8	7		1			
	Industrial	Oil and Gas	Natural Gas	Other Not					-					
31000299	Processes	Production	Production	Classified	0.00	0.00		1						
			Petroleum											
20 (00000	Industrial	Petroleum	Products - Not			60.1 .	0.5	_	-					
30699998	Processes	Industry	Classified	Not Classified **	54.64	69.15	27	7	5			1	 I	
20(20000	Industrial	Petroleum	Fugitive	Specify in	58.04	66.70	15	10	9		1			
30688802	Processes	Industry	Emissions	Comments Field	58.04	66.79	15	10			1			
	Industrial	Petroleum	Fugitive	Specify in					10					
30688801	Processes	Industry	Emissions	Comments Field	900.83	904.09	0	108	6			1	1	
20(02201	Industrial	Petroleum		Sulfur Recovery	2.10	2.20		4	2			1		
30603301	Processes	Industry	Desulfurization	Unit	3.10	3.29	6	4	3			1		
30601201	Industrial Processes	Petroleum Industry	Fluid Coking Units	General	16.99	31.83	87	2	1				1	
50001201	Industrial	Petroleum	Onits	General	10.77	51.05	07	2	1				1	
30600904	Processes	Industry	Flares	Process Gas	71.11	178.68	151	7	6				1	
		, i i i i i i i i i i i i i i i i i i i		Pipeline Valves:										
	Industrial	Petroleum	Fugitive	Heavy Liquid				_			_			
30600813	Processes	Industry	Emissions	Streams	217.17	260.60	20	3			3			
20/00/011	Industrial	Petroleum	Fugitive	Pipeline Valves:	0.55	0.00	20	1			1			
30600811	Processes	Industry	Emissions	Gas Streams	0.55	0.66	20	1			1			
				Miscellaneous:										
	Industrial	Petroleum	Fugitive	Sampling/Non- Asphalt										
30600805			U		226.07	246.56	9	29		24	5			
30600805	Processes	Industry	Emissions	Blowing/Purging/e	226.07	246.56	9	29		24	5			

				tc.											
	Industrial	Petroleum	Fugitive	Pipeline Valves											
30600801	Processes	Industry	Emissions	and Flanges	426.97	472.54	11	14		10	4				
				Petroleum											
				Refinery											
				Wastewater											
	Industrial	Petroleum	Wastewater	System: Lift			1		_						
30600515	Processes	Industry	Treatment	Station	3.64	4.05	11	6	5					1	
20 (00 500	Industrial	Petroleum	Wastewater	Oil/Water	0.47	7 1 5	100	2						1	
30600508	Processes	Industry	Treatment	Separator	2.47	7.15	189	2				1		1	
		_		Wastewater											
20600505	Industrial	Petroleum	Wastewater	Treatment w/o	671	10.20	52	-	4			1			
30600505	Processes	Industry	Treatment	Separator	6.71	10.26	53	5	4			1			
		D . 1		Process Drains											
30600503	Industrial	Petroleum	Wastewater	and Wastewater	47.07	48.32	3	10	8			2			
30000303	Processes	Industry	Treatment	Separators Blowdown System	47.07	40.32	5	10	0			2			
				with Vapor											
	Industrial	Petroleum	Blowdown	Recovery System											
30600401	Processes	Industry	Systems	with Flaring	76.34	110.59	45	22	19					3	
50000101	Industrial	Chemical	Other Not	Specify in	70.51	110.07	10		17					5	
30199999	Processes	Manufacturing	Classified	Comments Field	58.93	91.38	55	33	23		1	7		2	
	Industrial	Chemical	Other Not	Specify in											
30199998	Processes	Manufacturing	Classified	Comments Field	40.04	41.02	2	42	38	1		2		1	
	Industrial	Chemical	Fuel Fired	Specify in											
30190099	Processes	Manufacturing	Equipment	Comments Field	309.63	312.72	1	10	6			4			
	Industrial	Chemical	Fuel Fired	Natural Gas:											
30190023	Processes	Manufacturing	Equipment	Flares	1.47	2.87	95	2				2			
	Industrial	Chemical	Fuel Fired	Natural Gas:											
30190013	Processes	Manufacturing	Equipment	Incinerators	15.80	15.80	0	10	9			1			
20100001	Industrial	Chemical	Fugitive	Specify in		1.25	1.4.4	0		-					
30188801	Processes	Manufacturing	Emissions	Comments Field	3.82	4.35	14	9		5	3	1			
			Inorganic												
			Chemical	a											
30187098	Industrial	Chemical	Storage (Fixed	Specify Liquid:	0.19	0.23	24	7	5		1	1			
30107090	Processes	Manufacturing	Roof Tanks)	Working Loss	0.19	0.23	24	1	5		1	1			
30183001	Industrial Processes	Chemical Manufacturing	General Processes	Storage/Transfer	1.07	1.12	5	12	7			4	1		
50105001	Industrial	Chemical	Wastewater	Wastewater	1.07	1.12	5	14				+	1		
30182002	Processes	Manufacturing	Treatment	Treatment	0.27	0.41	51	3	2					1	
20102002	Industrial	Chemical	Ethylene	Treatment	0.27	0.11		2	<u> </u>			ł		-	
30125101	Processes	Manufacturing	Glycol	General	14.42	20.35	41	13	11			2			
	Industrial	Chemical	Methanol/Alco	Other Not				-	-						
30125099	Processes	Manufacturing	hol Production	Classified	0.11	0.12	10	8	7		1				
30112701	Industrial	Chemical	Fluorocarbons/	General	8.10	8.10	0	5	4			1			

	Processes	Manufacturing	Chlorofluorocar										
			bons										
	Industrial	Chemical	Chlorine	Other Not									
30112599	Processes	Manufacturing	Derivatives	Classified	2.85	7.79	173	2	1			1	
	Industrial	Chemical	Pharmaceutical	Other Not									
30106099	Processes	Manufacturing	Preparations	Classified	43.08	65.34	52	14	12		2		
			Synthetic										
	Industrial	Chemical	Organic Fiber	Other Not									
30102499	Processes	Manufacturing	Manufacturing	Classified	0.08	0.15	82	1		1			
	Industrial	Chemical	Plastics	Others Not									
30101899	Processes	Manufacturing	Production	Specified	43.84	47.27	8	96	92	3	1		