TABLE 1

SUMMARY OF AIR POLLUTANT STANDARDS AND TERMS

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E.U. ID No.	Brief Description	Fuel(s)	Hrs/Yr	Pollutant Name	Standard Allowable Emissions Standard(s)	lbs/hr	TPY	Equivalent Emissions* lbs/hr	Equivalent Emissions* TPY	See Permit Condition(s)
-002 & 003	Nos. 1 & 2 SAP		8,760	VE	Not equal to or greater than 10% opacity	N/A	N/A			III.A.6.
			8,760	SO_2	4 lbs/ton (3- hour avg.) 3.5 lbs/ton (24-hour avg.)	496, 24-hr avg			2,172	III.A.3.2.
			8,760	SAM	0.05 lb/ton of 100% acid produced	7.1			31.1	III.A.4.2.
			8,760	NO_2	0.12 lb/ton of 100% acid produced	17			75	III.A.5.2.
004	No. 3 SAP		8,760	VE	Not equal to or greater than 10% opacity	N/A	N/A			III.A.6.
			8,760	SO_2	4 lbs/ton (3- hour avg.) 3.5 lbs/ton (24-hour avg.)	496, 24-hr avg				III.A.3.3.
			8,760	SAM	0.05 lb/ton of 100% acid produced	7.1			31.1	III.A.4.3.
			8,760	NO_2	0.12 lb/Ton of H_2SO_4, 3-hr rolling average	17			75	III.A.5.3.
-042 & 044	Nos. 4 & 5 SAP		N/A	VE	Not equal to or greater than 10% opacity	N/A	N/A			III.A.6.
			8,760	SO_2	4 lbs/ton (3-hour avg.)	483.3	2, 117			III.A.3.1.
			8,760	(SAM)	0.15 lbs/ton of 100% acid produced	18.1	79.4			III.A.4.1.
			8,760	NO_2	0.12 lbs/ton of 100% acid produced	14.5	63.5			III.A.5.1.

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-008 & 017	PAP East & West		8,760	F	0.02 lbs/ton of 100% P_2O_5 feed			3.00	13.55	III.B.3.
-039	PAP No. 3		8,760	F	0.02 lbs/ton of 100% P_2O_5 feed	N/A	N/A	1.8	7.85	III.C.2.
-053	Phos Acid Clarification & Storage Area		8760	F		25 lbs/day (1.04 lbs/hr)				III.D.3.a.
-048	30% Clarification Area (Area 10)		8760	F		0.28				III. D.3.b
-009	DAP Plant No. 1		8760	F	0.06 lbs/ton of 100% P_2O_5 input	2.92				III.E.4.
-009			8,760	PM		15				III.E.5.
-009			8,760	VE	Shall not be equal to or greater than 20% Opacity					III.E.6.

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DAP: Diammonium Phosphate
PAP: Phosphoric Acid Plant

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-045 & -046	DAP 2 East & West Train		8,760	F	0.0417 lb/ton of P_2O_5 input	3.34(per train)	14.6(per train)			III.F.3..
			8,760	PM	0.08 lb PM/ton of P_2O_5 input	6.40(per train)	28.0(per train)			III.F.4..
			8,760	SO_2		22.2(per train)	87.0(per train)			III.F.8.
			8,760	NO_x		12.6(per train)	55.2(per train)			III.F.9.
				VE	≤ 15% Opacity					III.F.7.
-056	DAP 2 – East Product Cooler		8,760	PM	0.011 gr/dscf @ 64,300 scfm	6.06	26.5			III.F.5.
-047	DAP 2 – West Product Cooler		8,760	PM	0.010 gr/dscf@49,200 scfm	4.22	8.5			III.F.6.
				VE	≤ 5% Opacity					III.F.7.

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-011	MAP Prill Plant		8,760	PM		7				III.G.3.
				F		0.83				III.G.3.
				VE	20% opacity, 6-min av. basis	N/A	N/A	N/A	N/A	III.G.3.
-055	MAP Plant Cooler		8,760	PM	0.02 gr/dscf	4.0				III.G.4.
			N/A	VE	5% opacity' 6-min av. basis	N/A	N/A	N/A	N/A	III.G.4.
-015	AFI Shipping/Truck		8,760	PM		3.6				III.H.3.
-023	AFI Storage Silos(3) – North		8,760	PM		4.75				III.H.3.
-024	AFI Storage/shipping		8,760	PM		3.6				III.H.3.
-025	2 Limestone storage silos		8,760	PM		3.6				III.H.3.
-026	Silica Storage Bin		8,760	PM		1.6				III.H.3.
-028	3 AFI storage silo		8,760	PM		4.75				III.H.3.
-052	Limestone Feed Bin		8,760	PM		3.6				III.H.3.
015, 023-026, 028, 030& 052			8,760	VE	20% Opacity					III.H.4.

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-027	AFI Plant		8,760	PM		36.8				III.I.3.
			N/A	VE	20% opacity	N/A	N/A			III.I.4.
-063, -067, -068	No. 1 Truck Pit		8,760	PM/PM_{10}	Emissions Inventory	0.2	0.8			III.J.2.
				SO_2	Emissions Inventory	0.3	1.2			III.J.2.
				TRS/H_2S	Emissions Inventory	0.1	0.6			III.J.2.
				VOC	Emissions Inventory					III.J.2.
-064, 069	No. 2 Truck Pit			PM/PM_{10}	Emissions Inventory	0.1	0.3			III.J.2.
			8,760	SO_2	Emissions Inventory	0.1	0.5			III.J.2.
				TRS/H_2S	Emissions Inventory	0.1	0.2			III.J.2.
				VOC	Emissions Inventory	0.1	0.3			III.J.2.

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-065	Rail Pit		8,760	PM/PM_{10}	Emissions Inventory	0.2	0.8			III.J.2.
				SO_2	Emissions Inventory	0.3	1.2			III.J.2.
				TRS/H_2S	Emissions Inventory	0.1	0.6			III.J.2.
				VOC	Emissions Inventory	0.1	0.3			III.J.2.
-066	Transfer Pit		8,760	PM/PM_{10}	Emissions Inventory	0.1	0.4			III.J.2.
				SO_2	Emissions Inventory	0.1	0.4			III.J.2.
				TRS/H_2S	Emissions Inventory	0.1	0.2			III.J.2.
				VOC	Emissions Inventory	0.1	0.2			III.J.2.

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-060	Rail Storage Tank		8,760	PM/PM_{10}	Emissions Inventory	0.6	2.6			III.J.2.
				SO_2	Emissions Inventory	0.5	2.1			III.J.2.
				TRS/H_2S	Emissions Inventory	0.2	1.0			III.J.2.
				VOC	Emissions Inventory	0.3	1.2			III.J.2.
-062	No. 3 Storage Tank		8,760	PM/PM_{10}	Emissions Inventory	0.6	1.1			III.J.2.
				SO_2	Emissions Inventory	0.5	2.2			III.J.2.
				TRS/H_2S	Emissions Inventory	0.2	1.0			III.J.2.
				VOC	Emissions Inventory	0.3	1.0			III.J.2.
	Total			PM/PM_{10}	Emissions Inventory	1.8	6.0			III.J.2.
				SO_2	Emissions Inventory	3.7	7.658			III.J.2.
				TRS/H_2S	Emissions Inventory	0.8	3.6			III.J.2.
				VOC	Emissions Inventory	1.2	4.1			III.J.2.

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-070	Limestone Storage Silo/Rock Grinding		N/A	VE	20% opacity	N/A	N/A	N/A	N/A	III.K.2.
				PM	0.03 gr/dscf @ 2700 dscfm	0.7	3.0			III.K.4.
-078	GMAP Plant	NG, No. 6 or better fuel oil	N/A	F	0.032 lb F/ton of P_2O_5 input	2.40	10.5	N/A	N/A	III.M.7.
				PM	0.0645 lb PM/ton of product	9.68	42.4			III.M.8.

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