TABLE 1

SUMMARY OF AIR POLLUTANT STANDARDS AND TERMS

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

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 av			2,172	III.A.3.2.
			8,760	SAM	~~0.10~~0.05 lb/ton of 100% acid produced	~~14~~7.1			~~62~~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 av				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 & Werst		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 & WestTrain		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		7.5				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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