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EXHIBIT A-1

Table 4-3. EMISSION REDUCTION FOR 316 Gg/yr EDC/VC FACILITY IN COMPLIANCE WITH CURRENT REGULATION

VCM

Emission source	Current standard	Uncontrolled[a] emissions (kg/yr)	Regulated[b] emissions (kg/yr)	Estimated actual emissions (kg/yr)
Relief valve discharges	Non-preventable discharges only	Unknown	Non-preventable discharge	1,950[c]
Primary control	10 ppm	916,400	3,160	3,160[d]
Oxychlorination vent	0.02 kg/100 kg EDC product	113,760	50,150[e]	25,000[f]
Fugitive emissions	Work practice and equipment standard	379,200	37,920[g]	10,000[h]
Total emissions		1,409,360	91,230 + non-preventable discharges	40,110

150 MM #/YR

Table 4-4. EMISSIONS REDUCTION FOR 68 Gg/yr PVC FACILITY IN COMPLIANCE WITH CURRENT REGULATION

PVC

Emission source	Current standard	Uncontrolled[a] emissions (kg/yr)	Regulated[b] emissions (kg/yr)	Estimated actual emissions (kg/yr)
Primary control	10 ppm	326,400	680	680[c]
Relief valve discharges	Non-preventable discharges only	136,000	Non-preventable discharges	4,780[d]
Combined sources after resin stripping	400 ppm - suspension, latex, and bulk [2000 ppm - dispersion]	850,000	27,200 [136,000]	13,600[e] [74,800]
Fugitive emissions	Work practice and equipment standard	1,040,400	108,800	25,500[f]
Reactor opening loss	0.002 kg/100 kg PVC product	312,800	1,360	1,360[g]
Total emissions		2,665,600	138,040 [246,840] + non-preventable discharges	45,920 [107,120] DISP'N RES

Period	1/1/78-6/30/79	1/1/80-12/31/80	1/1/81-12/31/81	1/1/82-12/31/82
No. of releases	388	128	94	48
Lbs. of release	664,947	274,651	117,719	86,253
% of industry reporting	75	52	38	60

(J. BARR 10/84)