

Modelling - CAB - 5/7/03									
Source ID	Description	Location	Height, m	Diameter, m	Flowrate m ³ /hr	Flowrate, m ³ /min	Temp	Compound	Emission Rate, kg/hr
1	Pre-scrubber exit for fine powder scrubber (called "AC Scrubber" on map)	D Plant	8	0.68 (1)	2400	40	100 C	C8	0.0667
2	Post-scrubber exit for fine powder scrubber (called "AC Scrubber" on map)	D Plant	15	0.6	9600	160	40-50 C	C8	0.0667
3	DBC Scrubber	E Plant: copolymer plant for PFA and FEP MP-2 building	18.2	0.6	1820	27	40 C	C8	0.0194
4	MP-2 scrubber	copolymer type micro-powder	16.1	0.6 assumed	7500	125	40 C assumed	C8	0.0347
(1) Given in email of 4/17/03 from Hidaaka Hironatsu: 600 sq mm square diameter. Converted to effective diameter of 0.68 meters.									
Source ID	Description	Location	factor used	Height, m	Diameter, m	Flowrate m ³ /hr	Temp	Emission Rate, kg/hr	
1	Pre-scrubber exit for fine powder scrubber (called "AC Scrubber" on map)	D Plant	0.49	8	0.68 (1)	2400	100 C	0.24	
2	Post-scrubber exit for fine powder scrubber (called "AC Scrubber" on map)	D Plant	0.49	15	0.6	9600	40-50 C	0.24	
3	DBC Scrubber	E Plant: copolymer plant for PFA and FEP MP-2 building	0.74	18.2	0.6	1820	40 C	0.07	
4	MP-2 scrubber	copolymer type micro-powder	0.55	16.1	0.6 assumed	7500	40 C assumed	0.125	
(1) Given in email of 4/17/03 from Hidaaka Hironatsu: 600 sq mm square diameter. Converted to effective diameter of 0.68 meters.									

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