

APPENDIX A Table A-1

DATE	SAMPLE LOCATION	WORKER	PROCESS	SAW/CUTTER	Field Sample#	Sample Time (min)	Flow Rate (lpm)	Sample Volume (liters)	Respirable Dust Filter ug/sample	Respirable Dust Concentration		Silica Quartz Concentration	
										mg/m ³	mppcf*	Filter ug/sample	mg/m ³
8/18/2005	outside south	Roofer 1	tile cutting	Hytile-5;Bosch-5	AD5-540	10	2.22	22.2	14.1	ND	0.6	6.0	ND
8/18/2005	outside south	Roofer 1	tile cutting	Hytile	AD5-558	5	4.19	21.0	14.1	ND	0.7	7.0	ND
8/18/2005	outside south	Roofer 1	tile cutting	Bosch	AD5-519	3	4.19	12.6	14.1	ND	1.1	11.0	ND
8/19/2005	roof mock-up	Roofer 2	s-tile cutting	Hytile	AD5-527	5.5	4.2	23.1	14.1	ND	0.6	6.1	ND
8/19/2005	roof mock-up	Roofer 2	f-tile cutting	Hytile	AD5-530	5.7	4.2	23.9	14.1	ND	0.6	5.9	ND
8/19/2005	roof mock-up	Roofer 2	tile cutting	Hytile	AD5-533	11.2	2.2	24.6	14.1	ND	0.6	5.7	ND
8/19/2005	roof mock-up	Roofer 3	s-tile cutting	Partner-Gaso	AD5-525	5.8	4.2	24.4	87.0		3.6	35.7	0.41
8/19/2005	roof mock-up	Roofer 3	f-tile cutting	Partner-Gaso	AD5-517	5.25	4.2	22.1	120.0		5.4	54.4	0.45
8/19/2005	roof mock-up	Roofer 3	tile cutting	Partner-Gaso	AD5-528	11.1	2.2	24.4	89.0		3.6	36.4	0.41
8/19/2005	roof mock-up	Roofer 2	f-tile cutting	Hytile	AD5-521	5.5	4.2	23.1	14.1	ND	0.6	6.1	ND
8/19/2005	roof mock-up	Roofer 2	f-tile cutting	Hytile	AD5-526	5.3	4.2	22.3	14.1	ND	0.6	6.4	ND
8/19/2005	roof mock-up	Roofer 2	f-tile cutting	Hytile	AD5-522	10.8	2.2	23.8	14.1	ND	0.6	6.0	ND
8/19/2005	roof mock-up	Roofer 4	f-tile cutting	Partner-Gaso	AD5-535	4	4.2	16.8	53.0		3.2	31.5	ND
8/19/2005	roof mock-up	Roofer 4	f-tile cutting	Partner-Gaso	AD5-512	4	2.2	8.8	14.1	ND	1.6	16.1	ND

*mppcf=million particles per cubic foot