

APPENDIX B

**EMISSIONS TEST RESULTS FOR QUIKWATER
NATURAL GAS-FIRED
DIRECT-CONTACT WATER HEATERS**

Table B-1. Summary of QuikWater Emissions Test Results

					Emission concentrations corrected to 3% O₂ dry basis (range for 3 runs)	
Model	Water Heater Capacity	Firing Rate	Load Percent	SCAQMD BACT Limit (dry corrected to 3% O₂)	NOx (ppmv)	CO (ppmv)
2500	2.8 MMBtu	Low Fire	57	NOx (12 ppmv) CO (50 ppmv)	8.0 to 8.5	2.0 to 6.8
		Mid Fire	76		6.5 to 6.6	2.0 to 2.7
		High Fire	100		5.6 to 5.7	2.7 to 3.5
3500	3.8 MMBtu	Low Fire	48	NOx (12 ppmv) CO (50 ppmv)	6.8 to 7.7	2.3 to 10.2
		Mid Fire	73		5.6 to 6.0	1.8 to 2.9
		High Fire	95		5.7 to 5.8	0.9 to 1.1
5000	5.0 MMBtu	Low Fire	50	NOx (12 ppmv) CO (50 ppmv)	6.4 to 7.1	1.6 to 7.5
		Mid Fire	66		5.2 to 5.5	6.7 to 12.1
		High Fire	95		5.2 to 5.6	4.8 to 6.0