SAFT BATTERIES
NATURAL GAS USAGE IN OVENS

EU-002

Natural Gas Emissions Using Emission Factors in AP-42, Tables 1.4-1 and 1.4-2:
(AP-42 uses 1020 Btu/cf)

Btu/hr/ Burner	Burners/ Oven	Ovens in Plant*	Btu/cf	min/hr	Cf/min
2400000	3	2	1020	60	235.294

Cf/min	min/hr	Cf/Hr	hr/yr	CF/Yr	MCF/Yr
235.294	60	14117.65	8760	123670588	123.671

Pollutant	EF(lb/mcf)	MCF/Yr	lbs/yr	lbs/hr	TPY
Nox	94	123.671	11625.07	**1.327**	**5.813**
CO	40	123.671	4946.84	**0.565**	**2.473**
PM	7.6	123.671	939.90	**0.107**	**0.470**
PM10	5.7	123.671	704.92	**0.080**	**0.352**
SO2	0.6	123.671	74.20	**0.008**	**0.037**
VOC	5.5	123.671	680.19	**0.078**	**0.340**

*Through Phase 2