One Turbine (LM 6000) Ammonia (NH_3) Emissions from Normal Operations

Operating Condition	Fuel Rate (lb/hour)	Fuel Rate-HHV (MMBtu/hr)	Fuel Rate-HHV (MMSCF/hr)	Uncontrolled Stack Concentration (ppmdv @ 15% O2)	Controlled Stack Concentration (ppmdv @ 15% O2)	Uncontrolled Emission Factor / Rate			Controlled Emission Factor / Rate			Removal Efficiency
						(lb/MMscf)	(lb/MMBtu)	(lb/hour)	(lb/MMscf)	(lb/MMBtu)	(lb/hour)	(percent)
1	20,260	467.5	0.445		5.0				7.1	0.0068	3.2	
2	15,950	368.0	0.350		5.0				7.1	0.0068	2.5	
3	12,200	281.5	0.268		5.0				7.1	0.0068	1.9	
4	18,710	431.7	0.411		5.0				7.1	0.0068	2.9	
5	19,540	450.8	0.429		5.0				7.1	0.0068	3.1	
6	16,180	373.3	0.356		5.0				7.1	0.0068	2.5	
7	13,310	307.1	0.292		5.0				7.1	0.0068	2.1	
8	10,330	238.3	0.227		5.0				7.1	0.0068	1.6	
9	16,590	382.8	0.365		5.0				7.1	0.0068	2.6	
10	16,590	382.8	0.365		5.0				7.1	0.0068	2.6	
11	13,700	316.1	0.301		5.0				7.1	0.0068	2.2	
12	19,540	450.8	0.429		5.0				7.1	0.0068	3.1	
13	11,350	261.9	0.249		5.0				7.1	0.0068	1.8	
14	9,590	221.3	0.211		5.0				7.1	0.0068	1.5	
15	7,800	180.0	0.171		5.0				7.1	0.0068	1.2	
AVG											2.3	

Fuel Heat Content - HHV (btu/scf) =	1,050	Molecular Weight =	17	Specific Molar Volume (scf/mole) =	385.3	F-Factor (dscf/MMBtu)=	8,710