

Clemson University Air Emissions

Year 2017

Emission Unit	Nitrogen Oxides (Nxx) (tons/yr)	Sulfur oxides (SOx) (tons/yr)	Carbon monoxide (CO) (tons/yr)	Particulate matter (PM) (tons/yr)	Ozone (O3) (tons/yr)	Lead (Pb) (tons/yr)	HAPs (tons/yr)	Ozone Depleting Compounds (tons/yr)	Other (tons/yr)
Gas Turbine 1 - NG	0.51033600	1.49911200	0.13077360	0.00303012		-			
Gas Turbine 2 - NG	0.00000000	0.00000000	0.00000000	0.00000000		-			
Duct Burner - NG	0.00000000	0.00000000	0.00000000	0.00000000		0.00000000			
Package Blr - NG	5.59619200	0.10492860	14.69000400	0.33227390		0.00008744			
Package Blr - Oil #2	0.00274000	0.00002918	0.00068500	0.00027400		0.00000017			
Miura Boilers	1.92390000	0.02308680	3.23215200	0.07310820		0.00001924			
Fire Tube Blr 7 - NG	-	-	-	-		-			
Fire Tube Blr 7 - Oil #2	-	-	-	-		-			
Fire Tube Blr 8 - NG	-	-	-	-		-			
Fire Tube Blr 8 - Oil #2	-	-	-	-		-			
Diesel Generators <600 HP	1.31717880	0.08661720	0.28374600	0.09259080		-			
NG Four Stroke Generators	0.00630955	0.00000168	0.01062060	0.00002712		-			
Diesel Generators >600 HP	0.56290560	0.00026650	0.14952180	0.01624260		-			
Total	9.91956195	1.71404196	18.49750300	0.51754674		0.00010685			

Note; Fire tube boilers commenced operation March 2018.