

Permit Conditions

- whenever fuel is combusted at those sources and the catalyst bed has reached minimum operating temperature as designated by the manufacturer. (Basis: BACT for NOx)
- 18 The Owner/Operator of the Gas Turbines (S-1030 and S-1032) and HRSGs (S-1031 and S-1033) when firing natural gas exclusively shall comply with requirements (a) through (f) under all operating scenarios, including duct burner firing mode. Requirements (a) through (f) do not apply during a start-up or shutdown mode. (Basis: BACT, PSD, and Toxic Risk Management Policy)
- The Owner/Operator shall limit the emissions of nitrogen oxides (NOx) at emission points P-60 or P-62 to no more than 2.5 ppmv, on a dry basis, corrected to 15% O₂, averaged over one hour period. (Basis: BACT for NOx when firing natural gas)
- Owner/Operator shall limit the carbon monoxide emissions concentration at P-60 or P-62 to no more than 6 ppmv, on a dry basis, corrected to 15% O₂, averaged over any rolling 3-clock hour period. (Basis: BACT for CO when firing natural gas)
- 18c. The Owner/Operator shall limit the Ammonia (NH₃) emission concentrations at P-60 or P-62 to no more than 10 ppmv, on a dry basis, corrected to 15% O₂, averaged over any rolling 3-hour period. (Basis: Toxics)
- 18d. The Owner/Operator shall limit the precursor organic compound (POC) mass emissions (as CH₄) from P-60 or P-62 to no more than 2.0372 pounds per hour or 0.002515 Lb/MM Btu when firing natural gas throughout each gas turbine/HRSG train. ~~At this time, the operation of the gas turbine (S 1030) alone on natural gas is not allowed due to non-demonstration of compliance during the initial source test [Part 21, operating condition #1]. However, if the Owner/Operator demonstrates, in a subsequent source test, compliance with part 18(d) under operating condition #1, the gas turbine (S 1030) shall be permitted to operate on natural gas when the HRSG (S 1031) is idle. The Owner/Operator shall be allowed the following time to obtain the repeat source test to demonstrate compliance with operating condition #1:~~

~~———— Scheduled Events ———— 2 days (48 hours)~~
~~———— Unscheduled Events ———— 5 days (120 hours)~~
(Basis: BACT for POC when firing natural gas)

For sulfur dioxide (SO₂) emissions, the Owner/Operator shall limit the sulfur content in the natural gas to no more than 1.0 grain per 100 scf of natural gas. The Owner/Operator shall use standard pipeline quality natural gas as supplied by PG&E. The Owner/Operator shall demonstrate compliance in accordance with part # 35. (Basis: BACT for SO₂ when firing natural gas)

For particulate (PM₁₀) emissions, Owner/Operator shall limit the sulfur content in the natural gas to no more than 1.0 grain per 100 scf of natural gas. The Owner/Operator shall use standard pipeline quality natural gas as supplied by PG&E. The