
40 C.F.R. § 86.114-94

Analytical gases.

- (a) *Analyzer gases.* (1) Gases for the CO and CO₂ analyzers shall be single blends of CO and CO₂ respectively using nitrogen as the diluent.
- (2) Gases for the THC analyzer shall be:
- (i) Single blends of propane using air as the diluent; and
 - (ii) Optionally, for response factor determination, single blends of methanol using air as the diluent.
- (3) Gases for the methane analyzer shall be single blends of methane using air as the diluent.
- (4) Gases for the NO_x analyzer shall be single blends of NO named as NO_x. with a maximum NO₂ concentration of 5 percent of the nominal value, using nitrogen as the diluent.
- (5) Fuel for FIDs and HFIDs and the methane analyzer shall be a blend of 40 ±2 percent hydrogen with the balance being helium. The mixture shall contain less than one ppm equivalent carbon response. 98 to 100 percent hydrogen fuel may be used with advance approval by the Administrator.

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