

Department that total uncontrolled potential emission rate of VOC emissions from the unit is equal to or less than 10 (ten) tons per year and the unit can be operated without creating malodors as prescribed in Condition 13.c.v.

- i. The VOC emissions from the dehydrator still vent stream shall be controlled by at least 85% either with a condenser, a flare or other air cleaning device, or any alternative methods as approved by the Department. This control efficiency requirement must be demonstrated to the satisfaction of the Department.
- ii. A Glycol Dehydrator using a condenser as an air cleaning device shall daily achieve an average final exhaust temperature of less than 110 degrees Fahrenheit (110°F).
- iii. A Glycol Dehydrator using a flare as an air cleaning device shall ensure destruction of VOC emissions to the flare stack by maintaining the heat content of the flare gas above 300 BTU/scf, and by documenting daily visual observations of the continuous presence of a flame.
- iv. Visible emissions from a Glycol Dehydrator using a flare shall not exceed the following limitations:
  - A. Equal to or greater than 10% for a period or periods aggregating more than 3 minutes in any one hour.
  - B. Equal to or greater than 30% at any time.
- v. A Glycol Dehydrator shall not emit malodorous air contaminants in such a manner that the malodors are detectable outside the facility property.

**14. Emission Limitations and/or Operating Requirements Previously Established Pursuant to a Case-by-Case Best Available Technology Determination and/or Imposed to Give Synthetic Minor Status**

This General Permit cannot be used to vacate best available technology or other emission limitations or requirements established through the air quality permitting process.

**15. Requirements for Engines Installed After July 1, 1972, Without Obtaining Plan Approval**

- a. Engines that commenced construction prior to January 1, 1990, shall comply with all requirements of this General Permit except Condition 13.b.
- b. Engines that commenced construction after January 1, 1990, but before March 10, 1997, and that have NO<sub>x</sub> emissions that do not exceed twenty (20) tons per year per engine, shall comply with all requirements of this General Permit except Condition 13.b.
- c. Engines that commenced construction after January 1, 1990, but before March 10, 1997, and that have NO<sub>x</sub> emissions over twenty (20) tons per year per engine, shall comply with all requirements of this General Permit, including Condition 13.b.

**16. Performance Testing**

- a. The Department shall require verification of NO<sub>x</sub> emissions from the facility if the NO<sub>x</sub> emissions are estimated to be equal to or greater than ninety (90) tons per year. The verification may include: vendor guarantees, performance testing in accordance with