

## VAPOR RECOVERY SYSTEM DEFECT GUIDELINES

Pursuant to the California Air Pollution Control Law, Division 26: Air Resources, Article 5, Section 41960.2, Maintenance of Installed Systems, the following information specifies equipment defects which substantially impair the effectiveness of the Vapor Recovery Systems. The station's operator is required to maintain the system per District Rule 316.D.3. Therefore, if a defect exists the component is to be removed from service until such time that the defect is corrected. Should the Santa Barbara County Air Pollution Control District determine that a component contains a defect, the component shall be marked "Out of Order" and no person shall use or permit the use of the component until the component has been repaired, replaced, or adjusted, as necessary, and the District has reinspected the component or has authorized its use pending reinspection.

### DEFECTS AS IDENTIFIED BY THE STATE AIR RESOURCES BOARD

1. Absence or disconnection of any component required to be used in the Executive Order(s) that certified the system.
2. A vapor hose which is crimped or flattened such that the vapor passage is blocked, or the pressure drop through the vapor hose exceeds by a factor of two or more the requirements in the system certified in the Executive Order(s) applicable to the system.
3. A nozzle boot which is torn in one or more of the following manners:
  - a. Triangular-shaped or similar tear ( $\frac{1}{2}$ ) inch or more to a side, or hole ( $\frac{1}{2}$ ) inch or more in diameter or,
  - b. Slit (1) inch or more in length.
4. Faceplate or flexible cone which is damaged in the following manners:
  - a. For balance nozzles and for nozzles for aspirator and adductor assist type systems, damage shall be such that the capability to achieve a seal with fill pipe interface is affected for ( $\frac{1}{4}$ ) of the circumference of the faceplate (accumulated).
  - b. For nozzles for vacuum assist-type systems, more than ( $\frac{1}{4}$ ) of the flexible cone missing.
5. Nozzle shutoff mechanisms which malfunction in any manner.
6. Vapor return lines, including such components as swivels, anti-recirculation valves and underground piping, which malfunction or are blocked, or restricted such that pressure drop through the line exceeds by a factor of two or more requirements specified in the Executive Orders(s) that certified the system.
7. Vapor processing unit which is inoperative.
8. Vacuum producing device which is inoperative.
9. Pressure/vacuum relief valves, vapor check valves or dry breaks which are inoperative.
10. Any equipment defect which is identified in an Executive Order certifying a system pursuant to the Certification Procedures incorporated in Section 94001 of Title 17, California Administrative Code, as substantially impairing the effectiveness of the system in reducing air contaminants.

COMPLETED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
(Please Print)

DATE: \_\_\_\_\_ PHONE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_