

Cyclones

Section L2

1. Cyclone Description

- A. Emission Point Designation (Ref. No.): _____
- B. Equipment Description (include the process(es) that the cyclone(s) controls emissions from):
- C. Manufacturer: _____ D. Model: _____
- E. Status: Operating Proposed Under Construction

2. Cyclone Data

- A. Cyclone Type:
- Conventional High Efficiency Multiclone Other: _____
- B. Efficiency (PM): _____ % C. Gas Viscosity: _____ poise
- D. Pressure Drop: _____ in. H₂O E. Inlet air flow rate: _____ acfm
- F. Pollutant particle diameter: _____ microns G. Baffles/Louvers? Yes No
- H. Cyclone Dimensions:
- | | |
|---------------------------------|-----------------------------------|
| 1. Inlet height: _____ ft | 2. Inlet width: _____ ft |
| 3. Cylinder diameter: _____ ft | 4. Cylinder height: _____ ft |
| 5. Cone height: _____ ft | 6. Outlet pipe diameter: _____ ft |
| 7. Dust exit diameter: _____ ft | |
- I. Is wet spray used? Yes No
- | | |
|--------------------------|-----|
| 1. No. of nozzles: _____ | |
| 2. Liquid used: _____ | |
| 3. Flow rate: _____ | gpm |
| 4. Make-up rate: _____ | gpm |
- J. Fan Location: Downstream (direct emissions) Downstream (auxiliary stack)
- Upstream (no cap/vertical emissions) Upstream (fixed cap/diffuse emissions)
- Upstream (wind respondent cap/horizontal emissions)
- K. How is the collected dust stored, handled, and disposed of?