

GUIDE FOR UST INSTALL/MODIFICATION FINAL INSPECTION

GENERAL:

1. Make changes to AFD set of plans in red ink
2. Not testing and inspections in plan check folder and on permit
3. Necessary documents (including testing results reports)
4. Enunciator panel(s) in supervised location
 - a. Audible and Visual alarms
 - b. Shutdown supply (siphon system)
5. Supervisor has adequate viewing to all dispensing locations
6. Fire Extinguisher near supervisor's location and within 75' of dispenser(s)
7. Emergency shutoff switch location, signage and operable
8. Subsequent billing (if necessary)

TANK:

1. Leak detection devices operable
 - a. Shutdown turbines (pressure system)
 - b. Shutdown supply (siphon system)
 - c. Secured/mounted at lowest point
2. Line leak detector operable (pressure system)
3. Unused siphon piping sealed on primary and secondary
4. Produce piping secondary piping open at tank for drainage
5. Hydrostatic secondary containment system are filled with brine
6. All electrical components explosion proof for flammable and combustible liquid
7. Grounding system connected to fill riser
8. All piping have flexible connectors used as 45-90 (seismic)
9. Spill containment liquid tight on fill riser
10. Fill/drop tube in fill riser for flammable and combustible liquid
11. Overfill device(s)
 - a. Ball float set at 90% (restrict) or 95% (shutdown)
 - b. Fill tube flapper valve (set at 95%)
 - c. Alarm set according to the tank chart (set at 90%)

DISPENSER:

1. Set on 6" island with crash posts
2. Secondary piping sealed to isolate UDC from buried piping
3. Operable leak detection device(s)
4. Hydrostatic secondary containment system are filled with brine
5. Shear valves on product (operable) and vapor return piping
 - a. Properly bolted to brackets
 - b. Shear point level with top of island
6. All electrical components explosion proof flammable and combustible liquid
7. All piping have flexible connectors used as 45 – 90 (seismic)
8. Signage visible from all dispensing locations
 - a. Supervised
 - I. "NO SMOKING"
 - II. "APPROVED CONTAINERS ONLY"
 - III. "STOP ENGINE"
 - b. Unsupervised (see UFC, 5201.6.3)
9. Breakaway device on nozzle side of retractor on hose
10. Hose no longer than 18' and won't reach within 5' of building opening

VENT RISER:

1. No access points
2. Not manifolded unless for vapor processing (then, only at top)
3. Terminate at least 12' above ground
4. Terminate at least 5' from ignition source
5. Terminate at least 18" above roofline (if attached to a building)
6. Appropriate vent caps