

Plan Review Guidelines for New Plants

PLAN REVIEW GUIDELINE FOR NEW PLANTS

Blueprints for facility layout and equipment must be received and approved before construction begins.

Plans should include:

1. Layout design
 - a. Size and configuration of facility
 - b. Separate rooms
 - c. Lighting and ventilation (exhaust fans)
 - d. Doors & outer openings, drains, floors, walls, ceilings (materials used)
 - e. Hand wash sinks, restrooms, break rooms, etc.
 - f. Surroundings
2. Water
 - a. Supply (well, city, other)
 - b. Cross connections or backflow preventers, vacuum breakers, etc.
 - c. Glycol and sweetwater tanks
3. Waste disposal
 - a. Municipal or private
 - b. Compactor or dumpster
4. Piping
 - a. Product
 - b. CIP
 - c. Cross connections
 - d. Design & material
5. Equipment
 - a. HTST, UHT, HHST, and Vats
 - b. Fillers
 - c. Silos and Tanks
 - d. Design, materials, and manufacturer
6. Coolers
 - a. Locations
 - b. Size
 - c. Temperature recording devices

Plans should also include the name, address and phone numbers of any consultants, architects, contractors, subcontractors and other approving government agencies.