FACILITIES SYTEMS
CODE ASSESSMENT CHECKLIST

OSHA/General	Yes	No	N/A	Comments
Covers and/or guardrails are provided to protect personnel from the hazards of open tanks, vats etc.?				
Every runway is guarded by a standard railing on all open sides 4 feet or more above floor or ground level?				
Railings consist of a top rail, intermediate rail and posts and have a vertical height of 42 inches from upper surface of top rail to floor?				
Railings are capable of withstanding a load of at least 200 pounds applied in any direction at any point on the top rail?				
The system's equipment uses fail-safe hardware and software interlocks to protect against hazards inherent in the operation of the equipment?				
Are appropriate chemical, physical and thermal hazard warnings on the system?				
Are physical barriers in place to protect against hazards?				
Are mechanical hazards adequately guarded or enclosed? Does guarding of mechanical power transmission equipment meet the requirements of ANSI B15.1 covering Mechanical Power-Transmission Apparatus?				
Have all potential confined spaces been identified and labeled?				
Can the system's equipment electrical access doors/panels open to at least 90 degrees?				
Chemicals associated with operating the system are compatible with the materials of construction?				
Energy isolation is provided which ensures compliance with 29 CFR 1910.147 and 29 CFR 1910.331-335?				
Are all unfired pressure vessels designed and constructed to meet the ASME Boiler and Pressure Vessel Code? Certification is supplied and the vessel is labeled?				
Are relief devices on pressure vessels set to the safe working pressure of the vessel or to the lowest safe working pressure of the system, whichever is lower?				
Does the equipment/system have an "emergency off" (EMO) circuit which, when activated places the equipment/system in a safe shutdown condition?				
Are all EMOs clearly labeled and easily accessible?				

UFC/UBC	Yes	No	N/A	Comments
The system and its sub-assemblies has protection from movement during earthquakes?				
Are all portions of the system which contain flammable/combustible liquids constructed from noncombustible materials?				
If the system/equipment uses flammable, combustible or hazardous liquids, is secondary containment designed into the system?				
Are all mechanical fittings where hazardous liquids may be present within the secondary containment?				
In systems which contain hazardous materials and which may be located in outdoor locations or in facilities where they may be subject to physical damage from vehicles, have bollards or other means for protection been provided in the design?				
Where hazardous gases or liquids are carried in pressurized piping above 15 psig has excess flow control been provided?				
Has the PHA team comprehended: a. The exempt amounts in the applicable UFC Article (51, 79, 80) will not be exceeded in the design? b. Whether fire separation(s) may be necessary from existing facilities? c. Whether fire detection/suppression is necessary?				
Does the system/portions of the system require that the immediate location be designed with electrical rated for hazardous/wet locations?				