CROSS-CONNECTION CONTROL RISK ASSESSMENT CHARTS

A. General Fire Sprinkler/Standpipe System

1. Are there any provisions for chemicals to be used in the fire system? (Ex. anti-freeze, foam systems, rust inhibitors)
   - YES: Install RPDA
   - NO: Proceed to next question

2. Is the fire siamese connection located within 700 feet of an uncertified water supply? (Ex. lake, creek, river, bay, fire cistern, pond, spring, stream, harbor)
   - YES: Install RPDA
   - NO: Proceed to next question

3. Does the property have a fire well?
   - YES: Install RPDA
   - NO: Proceed to next question

4. Is the fire service cross-connected to a hazardous domestic service on the house side of BFP assemblies?
   - YES: Install RPDA
   - NO: Install DCDA

DCDA = approved “Double Check Detector Assembly”
RPDA = approved “Reduced Pressure Detector Assembly”
Is the property rated as aesthetically objectionable?

- Yes: Install DCVA
- No:
  - Does the property maintain any hazardous fixtures? Ex.: bidet, swimming pool, irrigation system, cooling tower, large boiler, coin or card-operated laundry machines, well? (See Assessment of Residential Dwellings for more examples and details in the Handbook)
    - Yes: Install RPZA
    - No: Install DCVA
  - Is the nature of occupancy categorically hazardous? Ex.: hospitals, medical offices/clinics, laundry, sewage treatment plants, mortuaries and most industrial concerns. (See Typical Significant Risk of Hazards for more examples in the Handbook)
    - Yes: Install RPZA
    - No: Request an exemption as per requirements

DCVA = approved “Double Check Valve Assembly”
RPZA = approved “Reduced Pressure Zone Assembly”