SECTION 15755D - HEAT EXCHANGERS

A. SECTION INCLUDES

1. Shell and Tube Heat Exchangers
2. Plate and Frame Heat Exchangers

B. DESIGN CRITERIA

1. Coordinate required maintenance space; as well as, required installation space.
2. Specify plate and frame heat exchangers for most applications. They generally are more efficient for the space they require, provide flexibility of capacity by adding plates if required, and installed cost is usually less when specialty materials are required. One drawback could be that the fine passages act as a filter, and fouling may be more frequent.
3. Consider specifying shell and tube heat exchangers when mild steel shells and copper (or silicon bronze) tubes can be used. If other attributes are favorable, units are usually cost effective.

END