

16420 ENCLOSED CONTROLLERS

1. All motor controls shall include hand-off-automatic selector switches and pilot lights.
2. Motor circuit protectors shall provide short circuit protection for motor circuits.
3. Provide “soft start” reduced voltage motor starters for cooling tower fans and larger sized motors.
4. Design Professional shall evaluate the use of variable frequency drives (VFD's) on motors based on type of loads, frequency of starts, controls, etc. VFD's shall be as manufactured by Allen-Bradley, Square D, Cutler Hammer, or equal.
5. Power Factor correction is not required on motors since it is existing on the main substation.