

**PART 1: GENERAL**

1.01 Purpose:

- A. This standard is intended to provide useful information to the Professional Service Provider (PSP) to establish a basis of design. The responsibility of the engineer is to apply the principles of this section such that the University may achieve a level of quality and consistency in the design and construction of their facilities. Deviations from these guidelines must be justified through LCC analysis and submitted to the University for approval.

1.02 Requirements:

- A. Direct Drive Fans preferred. Alternatives must be approved by SHSU Facilities Services.
- B. Provide TEFC NEMA Premium Efficiency rated motor rated for compatibility with variable frequency drives where applicable. Select non-overloading motors at all points on the RPM operating curve.
- C. Alternatives to the above standards must be approved by SHSU Facilities Services.

END OF STANDARD