## **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