BLINN COLLEGE - BRYAN CAMPUS
Miscellaneous Mechanical Repairs and BAS Upgrades
February 28, 2022
Issued for Permit, Bid and Construction
System Operation

1. When startup is initiated, the respective BAS procedure will be initiated.

2. The system will be turned on and the control actions will be executed.

3. The ventilation exhaust fan shall be integrated with the EMCS to monitor fan status and to schedule run times.

4. The exhaust air damper shall open anytime the unit runs and shall close anytime the unit stops. The exhaust fan shall start only after the damper status has proven the damper is open.

5. The exhaust air damper shall close 30 sec (adj.) after the fan stops.

System Setpoints

The setpoints for the system shall be set as follows:

- Design airflow rates shall be set at the values given in the Mechanical Drawings.

Fan Status

- The controller shall monitor the fan status.

Alarms

- Fan Failure: Commanded on, but the status is off.
- Fan in Hand: Commanded off, but the status is on.
- Fan Runtime Exceeded: Fan status runtime exceeds a user-definable limit (adj.).