### BAS OBJECT POINTS LIST (ELEVATOR HOISTWAY PRESSURIZATION FANS)

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### BAS OBJECT POINTS LIST (STAIRWELL PRESSURIZATION FANS)

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### SEQUENCE OF OPERATION (ELEVATOR PRESSURIZATION SYSTEM)

1. **Sequence:**
   - The elevator pressure system is controlled by the elevator system. When the elevator is in operation, the pressure system is activated to maintain the required pressure levels.
   - The pressure system is designed to operate during the elevator's travel time to ensure proper pressurization.

2. **Operation:**
   - When the elevator is called, the pressure system is activated to provide the required pressure level for the elevator's travel.
   - The system continues to operate until the elevator reaches its destination.

3. **Monitoring:**
   - Pressure sensors are used to monitor the pressure levels at various points in the system.
   - The monitoring system alerts the operator if the pressure levels fall outside the required ranges.

4. **Emergency:**
   - In case of an emergency, the pressure system can be manually overridden to protect the occupants of the building.

5. **Maintenance:**
   - Regular maintenance checks are performed to ensure the proper functioning of the pressure system.
   - Parts such as fans and pressure sensors are checked to prevent any malfunctions.

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### SEQUENCE OF OPERATION (STAIRWELL PRESSURIZATION SYSTEM)

1. **Sequence:**
   - The stairwell pressure system is controlled by the building's fire protection system. The system is activated during the fire alarm signal.
   - The pressure system is designed to maintain a positive pressure in the stairwell to prevent smoke from entering the fire area.

2. **Operation:**
   - When the fire alarm is activated, the pressure system is immediately initiated to create a barrier against smoke and flames.
   - The system maintains a positive pressure of 2.5-5.0 inches of water column for its entire operation.

3. **Monitoring:**
   - Pressure gauges are used to monitor the pressure levels in the stairwell. The monitoring system alerts the operator if the pressure levels drop below the required range.

4. **Emergency:**
   - In case of an emergency, the pressure system can be manually overridden to ensure the safety of the occupants.

5. **Maintenance:**
   - Regular maintenance checks are performed to ensure the proper functioning of the pressure system.
   - Parts such as fans and pressure sensors are checked to prevent any malfunctions.