



## Mechanical/HVAC System Compliance Check:

### 1. System Design and Equipment

- Compliance with IBC for system design and equipment selection: [Compliant](#)
- Type of HVAC system installed (e.g., central, split, VRF): [Central](#)
- Pass/Fail: [Pass/Fail](#)

### 2. Ductwork Design

- Adequacy of duct sizing and design for the building's needs: [Adequate](#)
- Compliance with required insulation levels for ductwork: [Compliant](#)
- Pass/Fail: [Pass](#)

### 3. Ventilation Requirements

- Compliance with minimum ventilation rates per IBC/ASHRAE standards: [Compliant](#)
- Provision of outdoor air intake and exhaust systems: [Not Provided](#)
- Pass/Fail: [Fail](#)

### 4. Energy Efficiency

- Compliance with energy conservation code or standards (e.g., IECC): [Compliant](#)
- Use of energy recovery systems (if applicable): [Not Used](#)
- Pass/Fail: [Pass](#)

### 5. Equipment Installation

- Proper installation of HVAC equipment according to manufacturer's instructions: [Properly Installed](#)
- Access for maintenance and repair: [Accessible](#)
- Pass/Fail: [Pass](#)

### 6. Refrigerant Piping

- Compliance with standards for refrigerant piping design and installation: [Compliant](#)
- Leak detection and protection systems in place (if applicable): [Installed](#)
- Pass/Fail: [Pass](#)

### 7. Controls and Thermostats

- Proper installation and calibration of control systems and thermostats: [Properly Installed](#)
  - Integration with building management systems (if applicable): [Integrated](#)
  - Pass/Fail: [Pass](#)
- ### 8) Fire and Smoke Control
- Compliance with IBC for fire and smoke dampers in ductwork: [Compliant](#)

- Integration of HVAC system with fire alarm and suppression systems: [Integrated](#)
- Pass/Fail: [Pass](#)

#### 9. **Sound and Vibration Control**

- Adequate measures for sound and vibration control in HVAC design: [Adequate](#)
- Use of noise-reducing equipment and installation techniques: [Used](#)
- Pass/Fail: [Pass/Fail](#)

#### 10. **Testing and Commissioning**

- Performance of required system testing and commissioning: [Performed](#)
- Documentation of testing and commissioning results: [Documented](#)
- Pass/Fail: [Pass](#)

#### **Summary:**

- Overall Mechanical/HVAC Compliance: [Pass]
- Details/Comments: Provision of outdoor air intake and exhaust systems.