



Electrical System Compliance Check:

1. Electrical Service and Distribution

- Compliance with service size and capacity requirements for the building's demands: [Compliant](#)
- Adequacy of electrical panel location and access: [Adequate](#)
- Pass/Fail: [Pass/Fail](#)

2. Branch Circuits, Feeders, and Conductors

- Compliance with requirements for branch circuits, feeders, and conductor sizing and protection: [Compliant](#)
- Use of appropriate conductor materials and types: [Used](#)
- Pass/Fail: [Pass](#)

3. Grounding and Bonding

- Adequacy of grounding and bonding of electrical systems and equipment: [Adequate](#)
- Compliance with NEC grounding requirements: [Compliant](#)
- Pass/Fail: [Pass](#)

4. Lighting Design and Controls

- Compliance with IBC/IECC lighting efficiency and control requirements: [Compliant](#)
- Provision of emergency and egress lighting as required: [Not Provided](#)
- Pass/Fail: [Pass](#)

5. Overcurrent Protection

- Proper sizing and installation of overcurrent protection devices: [Properly Sized](#)
- Coordination with electrical design and loads: [Coordinated](#)
- Pass/Fail: [Pass](#)

6. Electrical Outlets and Receptacles

- Adequacy and accessibility of outlets in accordance with IBC/ADA: [Adequate](#)
- Compliance with spacing and placement requirements: [Compliant](#)
- Pass/Fail: [Pass](#)

7. Electrical Safety Measures

- Installation of GFCI protection where required: [Installed](#)
- Arc-fault circuit interrupter (AFCI) protection in residential dwellings: [Provided](#)
- Pass/Fail: [Pass](#)

8. Renewable Energy Systems (If Applicable)

- Integration of renewable energy systems (solar, wind, etc.) within electrical design: [Integrated](#)
- Compliance with IBC and NEC for renewable energy installations: [Compliant](#)
- Pass/Fail: [Pass]

9. Emergency and Standby Power Systems

- Provision and design of emergency and standby power systems as required: [Provided](#)
- Compliance with IBC/NEC for emergency systems: [Compliant](#)
- Pass/Fail: [Pass](#)

10. Testing and Verification

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

Summary:

Overall Electrical Compliance: [Pass](#) Details/Comments: Provision of emergency and egress lighting as required.