

Electrical Panel Assembly Procedure Checklist

Project Name: _____

Panel No.: _____

Date: _____

Technician: _____

General

- ☐ Review panel layout and schematic drawings
- ☐ Verify all materials and components per BOM
- ☐ Inspect enclosure for physical damage

Mechanical Assembly

- ☐ Mount all components securely and as per layout
- ☐ Ensure correct orientation of all devices
- ☐ Check for appropriate cable entry and gland fitting

Electrical Wiring

- ☐ Use correct wire type, size, and color
- ☐ Terminate wires with proper labeling
- ☐ Verify crimped/ferruled wire ends
- ☐ Confirm tightness of all connections
- ☐ Check wiring against approved schematics

Inspection & Testing

- ☐ Perform visual inspection of assembly
- ☐ Check continuity of all circuits
- ☐ Verify earth and neutral connections
- ☐ Check proper operation of all devices (manual/auto)

Documentation

- ☐ Update as-built drawings
- ☐ Attach all manufacturer's datasheets
- ☐ Record and label panel with panel tag & rating

Remarks / Notes

