



Village of Lindenhurst Building Department

Inspection Checklist- Residential (SF)

Electric Vehicle Charging Station

Date: _____ Permit No. _____

Address: _____ Permit Date. _____

Before inspecting, make sure all EVCS disconnects and circuit breakers are de-energized and verify the following:

- ☐ All work done in a neat and workmanlike manner [NEC 110.12].
- ☐ EVCS is located according to the approved plan and manufacturers' instructions.
- ☐ EVCS system and structural connections are according to the approved plan and manufacturers' instructions.
- ☐ All penetrations are sealed according to the approved plan and manufacturers' instructions.
- ☐ Electrical wiring is in conduit; EMT for interior and IMC or RIGID for exterior.
- ☐ Electrical conduits are properly secured, supported, and routed to prevent physical damage.
- ☐ Electrical conductors are of the correct size and type and are installed in accordance with the approved plans and the manufacturers' installation instructions.
- ☐ Overcurrent devices are the correct size and type according to the approved plan, electrical service equipment rating and the manufacturers' installation instructions.
- ☐ EVCS equipment installed, listed, and labeled according to the approved plan and manufacturers' instructions.
- ☐ Disconnects installed according to the approved plan and properly located as required by the NEC.
- ☐ Access and working space for operation and maintenance of EVCS equipment, disconnecting means and panel boards are maintained [NEC 110.26].
- ☐ Grounding/bonding of the electrical equipment according to the manufacturer's instructions and the NEC.
- ☐ EVCS is certified (e.g., UL, EnergyStar, other Nationally Recognized Testing Lab)
- ☐ EVCS meets standard connections (e.g. SAE J1772, SAE J3400, NACS, CCS1)
- ☐ Confirm compliance with National Electric Code 70, Article 625 and local codes
 - ☐ EV Charging circuits meet required 125% of continuous load (NEC 625.41)
 - ☐ EV circuits and EVCSs are properly grounded and receptacles (if applicable) use GCFI protection
 - ☐ Receptacles in wet locations have weatherproof enclosures
 - ☐ EVSE circuits are dedicated or if sharing power, fit within the code parameters.

Inspector Approval

Signature

Name