

VEHICLE RECHARGING STATIONS

All vehicle recharging station equipments shall have "UL" label and shall be installed per the 2007 California Electrical Code (**2007 CEC**).

The City of Fullerton does not require electrical plans to be submitted for plan check. However, a permit and inspection are required of installations

For safety reasons. The main articles of CEC that will apply are as follows:

1. **Article 220.3** (Branch Circuit Load Calculations). Used to determine conductor size. (See below).
2. **Article 240** (Over Current Protection). Used to determine circuit breaker and/or fuse size.
3. **Article 250** (Grounding). Used to determine method of grounding.
4. **Article 310.15** (Ampacities of Conductors). Used to determine what size conductor to be installed.
5. **Article 314** (Outlet Boxes and Conduit Bodies). Used to determine amount of conductors allowed in junction boxes and conduit.
6. **Article 400** (Flexible Cords and Cables). Used to determine size of conductors in flexible cable or cords and allowable length and methods of securing cords at junction boxes.
- 7.

For additional information you can contact the following link:

<http://www.arb.ca.gov/msprog/zevprog/factsheets/evinformation.pdf>

Please contact or consult with City of Fullerton Building Department at 714-738-6541 for further information before any installation.

Approved by:



Hadi Tabatabaee, P.E., CBO
Building Official