



LISTING AND LABELING OF ELECTRICAL EQUIPMENT

BUILDING DIVISION REQUIREMENTS

GENERAL STANDARD

All electrical equipment shall be listed by a Nationally Recognized Testing Laboratory (NRTL) and labeled with the certification mark of that laboratory. A current list of NRTLs is on-line at: www.osha.gov/dts/otpca/nrtl/nrtllist.html. All equipment shall be installed and used in accordance with any instructions included in the listing and labeling (CEC Article 110).

NON-LISTED OR LABELED EQUIPMENT

If electrical equipment is not listed and labeled by an NRTL, it must be field certified and labeled by a recognized third party electrical testing agency. A list of currently recognized agencies is listed below.

THIRD-PARTY ELECTRICAL TESTING STANDARDS

Field Modification of Listed and Labeled Electrical Equipment

The acceptability of field modifications to listed and labeled electrical equipment shall be determined by the building official. The building official shall consider the effect of the modification on the integrity of the equipment. The building official has the authority to require a field evaluation or a field inspection by the NRTL that listed the equipment at no cost to the City. A documented report shall be provided to the building official stating that the modified equipment continues to comply with the listing or labeling requirements.

Non-Listed Electrical Equipment

Acceptability of equipment that is not listed and labeled shall be subject to evaluation by the building official in accordance with CEC Section 110.3(a). The building official has the authority to require a field evaluation by an NRTL or a third-party electrical testing agency recognized by the City of Sunnyvale in accordance with NFPA 790 at no cost to the City. A list of recognized third-party electrical testing agencies is available below.

The field evaluation by the third-party testing agency shall be performed in accordance with NFPA 791, and a copy of the documented report shall be provided to the building official. When the initial report notes items required to be corrected, the final report shall identify the corrections made.

Reciprocal Approval of Field Certified and Labeled Equipment

The building official has the authority to require a field evaluation or a field inspection by an NRTL or a recognized third-part testing agency when equipment that was previously evaluated by a third-party agency is relocated. If the installation and use are substantially the same as the previously approved field evaluation report, the building official may determine that the previously approved evaluation is acceptable.

RECOGNIZED THIRD-PARTY ELECTRICAL TESTING AGENCIES

Electrical testing agency seeking recognition by the City of Sunnyvale shall meet the standards of the most current edition of NFPA 790 Standard for Competency of Third-Party Field Evaluation Bodies (available on-line at <http://www.nfpa.org/catalog>). Application materials shall contain the following:

- Application forms conforming to the format provided in NFPA 790 with all sections completed. Additional pages or documents may be submitted as necessary, provided each page references the related application section.
- An acknowledgement stating that the notification will be provided to the City of any changes in agency management and shall include credentials of the new personnel.
- A sample of the agency equipment label.

Approvals are valid for three years. Renewal applications shall contain all of the information listed above.

The building official may add and/or remove agencies from this list.

| RECOGNIZED THIRD-PARTY ELECTRICAL TESTING AGENCIES | | | |
|-----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|------------------------|
| Agency Name | Address | Telephone Number | Expiration Date |
| Abstraction Engineering, Inc. | 19072 Taylor Avenue Morgan Hill, CA 95037 | (669) 888-3100 | August 2021 |
| ASC Engineering Services | 2464 El Camino Real Santa Clara, California 95051 | (408) 837-7544 | October 2021 |
| Belay Engineering | 2328 Walsh Avenue, Suite L Santa Clara, California 95051 | (408) 567-8008 | November 2021 |
| Electrical Reliability Services, Inc. (ETI Conformity Services) | 6900 Koll Center Parkway, #415 Pleasanton, California 94566 | (925) 485-3400 | September 2021 |
| ITC Engineering Services | 9959 Calaveras Road, Box 543 Sunol, California 94586-0543 | (925) 862-2944 (888) 336-7625 | September 2020 |
| Lewis Bass International | 142 N. Milpitas Boulevard, #236 Milpitas, California 95035 | (408) 942-8000 | March 2020 |
| NSS Laboratories, Incorporated | 912 Smithfield Drive, Unit 3 Fort Collins, Colorado 80524 | (970) 472-0602 | April 2020 |
| Salus Engineering International | 3004 Scott Boulevard Santa Clara, California 95054 | (408)235-8831 | September 2021 |
| TUV Rheinland | 1279 Quarry Lane, Suite A Pleasanton, California 94566 | (925) 249-9123 | September 2018 |
| Underwriters Laboratories | 455 E. Trimble Road San Jose, California 95131 | (877) 854-3577 | September 2021 |
| QPS Evaluation Services Inc. | 6123 Brentwood Ave. Lancaster, California, 93536 | (661) 317-4580 (661) 951-7184 | August 2021 |