

Title:		Contents:	<b>P-3500</b>
<b>SAFETY REQUIREMENTS - CAL/OSHA - ELECTRICAL</b>		Submitted By:	<b>Purchasing Division</b>
		Approved By:	<b>Purchasing Agent</b>
Effective Date:	<b>12-10-01</b>	Supersedes No.:	Page No. 1 of 1

## **Policy**

All electrically operated equipment must meet applicable electrical safety requirements before they can be purchased.

### **California Occupational Safety and Health Administration (CAL-OSHA) Requirements**

All equipment purchased for County use must be Cal-OSHA “approved” and must meet all applicable local, state, and federal statutes, regulations, codes, etc. including but not limited to Cal-OSHA as set forth in the California Administrative Code, Title 8, Chapter 4.

When the term “approved” is used, it refers to equipment, materials, devices, etc. that have been approved, listed, labeled or certified as conforming to applicable governmental or other nationally recognized standards, or applicable scientific principles. The approval, listing, labeling, or certification of conformity shall be based upon an evaluation performed by a person, firm, or entity with appropriate registered engineering competence or by a person, firm or entity, independent of the manufacturer or supplier of the product, with demonstrated competence in the field of such evaluation.

### **Los Angeles County Requirements**

The Los Angeles County Code requires that electrical installation of equipment, devices and materials meet certain safety standards and be labeled or listed by nationally recognized testing laboratories approved by the Chief Electrical Inspector.

The County is precluded from purchasing electrical equipment which has not been approved/listed by a testing agency acceptable to Chief Electrical Inspector. Approved testing agencies are:

1. Underwriters' Laboratories, Inc. (UL)
2. Los Angeles City Testing Laboratory
3. Factory Mutual Engineering Association
4. ETL Testing Laboratories, Inc.
5. Canadian Standards Association (applicable to Health Services and Sheriff only)

### **Exceptions**

The electrical provisions of the County Code do not apply to electrical laboratory and biomedical equipment and appliances when such items are:

1. Used for spectrometry, chromatography, microscopy, and related or similar medical, forensic and scientific purposes;
2. Located in areas specifically designated for use by medical/technical employees only;
3. Tested and maintained by either trained technicians or manufacturers representatives.

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Note: The County Chief Electrical Inspector, nevertheless, recommends purchasing laboratory equipment which complies with provisions of the County Code whenever feasible.

**Equipment Selection and Requisition Submittal**

In order to avoid procurement delays (or possible cancellation or return of equipment requests) procurement personnel are urged to verify, prior to submission of electronic requisitions to the Purchasing Agent, that the brand of equipment requested has the approval of one of the testing agencies mentioned above.

This is extremely important at the end of a fiscal year, as any problem involving non-approved testing agencies could preclude our purchasing the desired equipment prior to June 30.