

# MEETING MINUTES



**DATE:** Thursday, July 18th, 2024  
**TIME:** 11:00AM  
**LOCATION:** La Fonda

[www.ieee.org](http://www.ieee.org)

## Opening remarks Warren Conner Chairman and Scott Atkinson

- Life Members Affinity Group
- Monthly Meeting with presenters of diverse technologies

- **Attendee Names 16 total**

- [Garrett Polhamus](#) John Brogan & Wife Mary  
Jim Brakefield
  
- [Warren Conner](#)
- [Larry Higgins](#)
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- [John Lyons](#)
  
- [Scott Atkinson](#)
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- Earnest Franke
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## Approval of Previous Minutes

None presented or discussed

## Reports

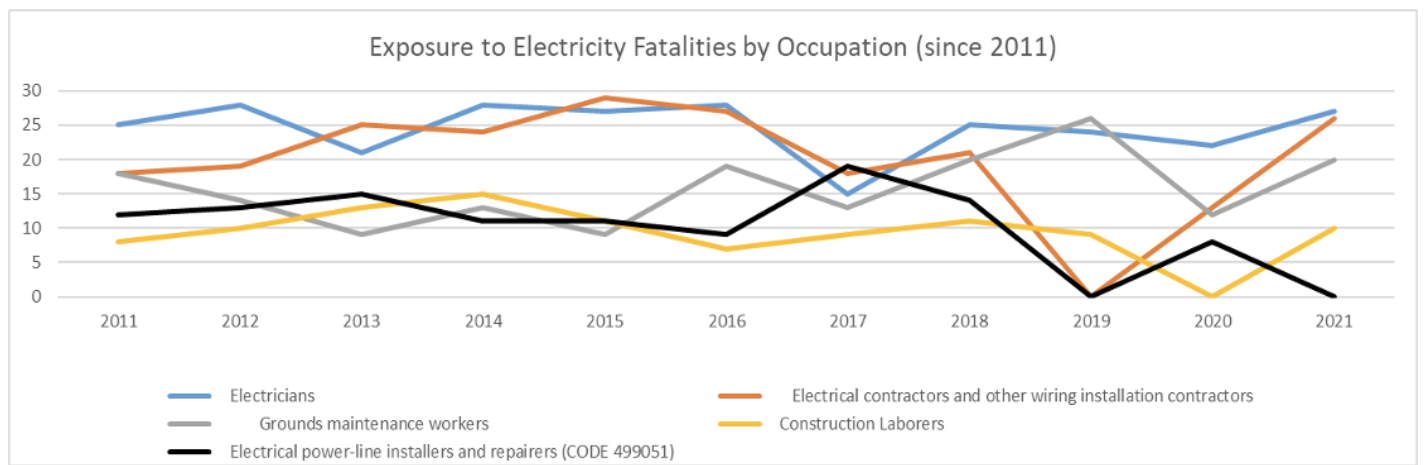
### July, 2024 Speaker Warren Conner (Chairman)

#### Scott Atkinson introduced the speaker

Title	<b>IEEE P1584 description and purpose</b>
Event Category	Technical
Event Sub-category	
Description	Regular meeting of the IEEE LMAG Chapter followed by a technical talk. Electric Safety Hazard Awareness There is a \$15.00 charge for each registrant. Guests and non-members charge is \$20.00 and the tab will be picked up by the LMAG.
Keywords	Arcing and dead short differentiation and hazards.
Guest Attendance	
IEEE Member Attendance	16
Start Time	18 July 2024 11:30 AM
End Time	18 July 2024 01:00 PM
Time Zone	CDT

Warren gave a detailed and informative description of Arc Flash hazards in industrial applications. Current flows great enough to explode and vaporize copper for example. He used slides showing examples of hazards encountered in environments where electrical faults can lead to death by fire, electrocution, hazardous fumes inhalation as well as many other “accidents”.

The fatality rate for electrical power-line installers and repairers is higher than the national average for all occupations. According to the Bureau of Labor Statistics, the fatality rate for this group is 20.3 per 100,000 full-time workers, which is almost five times the national average.



Source: BLS

Warren also described:

## 1584.1-2022 - IEEE Guide for the Specification of Scope and Deliverable Requirements for an Arc-Flash Hazard Calculation Study in Accordance with IEEE Std 1584

Abstract:

Guidance for the specification and performance of an arc-flash hazard calculation study, in accordance with the process defined in IEEE Std 1584, is provided in this document. The minimum recommended requirements to enable the owner to specify an arc-flash hazard calculation study, including scope of work and associated deliverables, is outlined.

**Scope:**

This standard provides guidance for the specification and performance of an arc-flash hazard analysis, in accordance with the process defined in IEEE Std 1584, IEEE Guide for Performing Arc-Flash Hazard Calculations. It provides the minimum scope and deliverables for an arc-flash study.

**Purpose:**

The purpose of this standard is to enable stakeholders to understand the minimum scope of work and deliverables required for an arc-flash study. Stakeholders are responsible for personnel in facilities and installations with electrical energy as a potential hazard to employees and other personnel. Stakeholders include but are not limited to employers, owners, operators, and contractors as well as those who are responsible for the specification or the performance of a study.

<https://ieeexplore.ieee.org/document/9825493>



There was also some update information about LMAG ongoing work being done at the SAMSAT museum and a reminder that volunteers are always welcome. Earnest Franke will present a complete update at our meeting next month.

**Motions**

None

**New Business**

None

**Announcements**

**Other Business**

None

**Adjournment**

**SECRETARY APPROVAL:** *John A. Lyons 8/18/2024*  
(Signature & Date)

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