Minutes of the 20 April 2023

Membership Meeting of

IAEI Western PA Chapter

Gaetano's

1617 Banksville Road

Pittsburgh PA 15216

Steve Palchowski called the meeting to order at 7:00 pm with 40 members present. The meeting opened with the Pledge of Allegiance and a moment of silence to honor those serving in our military and all first responders.

Steve Palchowski read the minutes of the 16 March meeting. No corrections or additions were presented and the minutes stood as read.

**Program and Education:** Jesse Duvuvei introduced Eric Cerasale, Technical Sales Manager of NSI Industries. Eric presented wiring fittings and transition components manufactured by Bridgeport Fittings, Inc. and NFPA 70, UL and NEMA related technical references.

The first topic covered was corrosion and the interaction between a metal components. One functioning as a cathode, a second as anode and a wetting material (electrolyte), usually water, acting as a physical electrical connection between the anode and cathode. A summary of this topic concluded that the electrician must be aware of an installations exposure to corrosion and must know how to avoid or at least minimize the corrosion process.

The second topic covered was Bridgeport Industries manufactured fittings for joining electrical conduit materials. Products illustrated were: EMT to AC/MC FMC Transition Couplings, NPT Connectors, E-Z Lock Connectors, concrete tight Push-EMT system, and steel and zinc slip couplings and connectors. Many times these fittings eliminate the need of bulky junction boxes and provide a more secure system.

The third topic covered was the contractors goal to provide the customer with a code compliant system with less costly components, with reduced labor costs, and to provide the customer with a system that has optimum safety and reliability.

The presenter offered an opportunity for questions and discussions between topics.

Our next regularly scheduled meeting will be on 16 May 2023. Arlington is the scheduled sponsor.

The meeting was adjourned at 9:00 PM.