



---

**Electrical Distribution Safety**

Electrical Safety Authority Provincial Office  
155A Matheson Blvd W, Mississauga

**Members:**

**Owners/Operators**

Brian McMillan

Mike Bell

Irv Klajman

Lloyd Frank

Erik Veneman

Margaret De Fazio

**Regulators**

John Savage

**Other members**

Lynn Girty

Paul Forster

**Members absent**

William Schwarz

Arlen Molyneaux

**Guests:**

**ESA:**

Martin Post

Jason Hrycyshyn

**1.0 Welcome and Introductions:**

Members introduced themselves to the group.

**2.0 Round Table Discussion:**

Members discussed the technical items and potential ramifications in general terms.

**2.1** Members put forward a motion for ESA's Code Side to publish a Bulletin on Neutral Voltage Mitigating Devices (NVMD)

**2.2** Discussion around requirements of Regulation 22/04 and the Ontario Electrical Safety Code (OESC) around installation of NVMDs

**2.3** Members discussed equivalent step and touch voltages for humans and animals that Bill 143 is trying to address. Members discussed the issues around the existing current based definitions.

**2.4** Members agreed that existing distribution systems as built would be illegal under the proposed Bill

**2.5** Members discussed issues specifically with farmers. Topics included mastitis, and how sometimes Biologists and Veterinarians are used to help convince farmers that objectionable stray voltages have been addressed.

**2.6** Members discussed naturally occurring ground currents

**2.7** Members put forward a motion to obtain greater understanding how or if the Code addresses farm needs sufficiently. For example large chicken barns.



**Electrical Distribution Safety**

**2.8** Members discussed whether the threshold voltage for people, and farm animals (cattle, pigs, chickens) be defined separately

**2.9** Discussed the issues around Mass Transit systems and stray currents

**3.0 Scope**

The scope of the working group was discussed.

**3.1** Members agreed on an open scope concept

**3.2** Scope was recorded in the Terms of Reference

**4.0 Roles and Responsibilities**

The Roles and Responsibilities of the working group were discussed and recorded in the Terms of Reference

**4.1** Members agreed to address the issues around Bill 143 and provide technical clarification to address the issues of stray voltage and stray current

**4.2** Jason Hrycyszyn (ESA) will act as a single point of contact for collecting information

**4.3** Terms of Reference to be completed by Friday May 4, 2007. To be presented to the UAC for Tuesday May 8, 2007.

**4.4** Members requested someone from the Code side of ESA join this working group

**4.5** Lynn offered to provide data from the OFA

**4.6** John Savage to provide updates to Bill 143 as they come up

**4.7** A delegate from the UAC must be nominated to present in front of the Standing Committee on Justice Policy

**5.0 Next Meeting**

The next meeting was proposed for Tuesday May 29, 2007. Time and location to be confirmed closer to the date.

**Meeting Adjourned**

prepared by Jason Hrycyszyn