

Audible Noise & Vibration S.C. – Pittsburgh, PA

Audible noise & vibrations S.C. met on October 8, 2003 at 8:00 a.m. with 16 members and 9 guests present. Four new members were welcomed to our subcommittee.

The minutes of our Raleigh, NC meeting were approved.

WG Report: John Holland; the Chairman of the WG for writing “Sound Level Measurement Guide” reported that the WG resolved 31 comments on the first draft of the sound level measurement guide. Fifteen of these comments were editorial and were accepted as submitted. The discussion on the technical comments resulted in the following action items:

- Reactors will remain within the scope of this guide. The title of this guide will be modified accordingly.
- A new section of the practical aspects of making sound level tests will be included in this guide.
- A new section on the narrow band sound level measurements will be added to this guide. Mr. Bill Darovny will write tutorial information on the background and the end use of these test data.
- Mr. Lars-Erik Juhlin will provide the text comparing sound intensity and sound pressure measurements made in the near field region of the transformers.
- Mr. Richard Dudley had submitted two papers dealing with sound level calculation and mitigation of sound levels in reactors. Richard will propose the text for referencing these papers in the guide.

Standard Sound Level Tables: J. Puri resolved the comments received on the proposed methodology for extending present NEMA Standard Sound Level Tables for liquid filled and dry type transformers. The Sub Committee participants agreed that the proposed analysis and extended tables should be sent to the SC members for comments. This information should be posted on the IEEE Website for inviting comments from the industry.

There being no new business, the meeting adjourned at 9:15 am.

Jeewan Puri

October 8, 2003