P388

Submitter Email: wilkowski1@rcn.com
Type of Project: Revision to IEEE Standard 388-1992
PAR Request Date: 13-Feb-2012
PAR Approval Date: 29-Mar-2012
PAR Expiration Date: 31-Dec-2016
Status: PAR for a Revision to an existing IEEE Standard
Root Project: 388-1992

1.1 Project Number: P388
1.2 Type of Document: Standard
1.3 Life Cycle: Full Use

2.1 Title: Standard for Transformers and Inductors in Electronic Power Conversion Equipment

3.1 Working Group: Transformers and Inductors in Electronic Power Conversion Equipment (PEL/SC/388_WG)
Contact Information for Working Group Chair
Name: Eric Folk
Email Address: engineering@pacer-hq.com
Phone: 2568282832

Contact Information for Working Group Vice-Chair
None

3.2 Sponsoring Society and Committee: IEEE Power Electronics Society/Standards Committee (PEL/SC)
Contact Information for Sponsor Chair
Name: Homer Alan Mantooth
Email Address: mantooth@uark.edu
Phone: 4795754838

Contact Information for Standards Representative
Name: Homer Alan Mantooth
Email Address: mantooth@uark.edu
Phone: 4795754838

4.1 Type of Ballot: Individual
4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: 05/2015
4.3 Projected Completion Date for Submittal to RevCom: 10/2015

5.1 Approximate number of people expected to be actively involved in the development of this project: 5
5.2 Scope: This standard pertains to transformers and inductors of both the saturating and nonsaturating type that are used in electronic power conversion equipment. Power conversion equipment includes items known as inverters, converters, power conditioners, switching power supplies, switched mode power supplies, and the like. These items are mostly devices used to change dc power from one voltage to another, to change dc power to ac, and to change ac power of one frequency to another frequency. This equipment is best described as utilizing transistors, silicon controlled rectifiers (SCRs), or other similar devices that switch power on and off at a high rate in order to achieve the power conversion or regulation desired. Therefore, this standard covers the various transformers and inductors that are used in any of the above mentioned equipment or devices, except for transformers operated directly from the mains.

5.3 Is the completion of this standard dependent upon the completion of another standard: No
5.4 Purpose: This document will not include a purpose clause.
Changes in purpose:

5.5 Need for the Project: The information contained in this standard is still relevant. The purpose of the revision is to bring definitions, references and procedural practices up to date as well to clarify wording.

5.6 Stakeholders for the Standard: Magnetics Designers and Manufacturers, Power Conversion Equipment Designers and Manufacturers, Test Equipment Designers and Manufacturers, Component and Material Manufacturers, Power Systems Designers

Intellectual Property
6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No
7.1 Are there other standards or projects with a similar scope?: No
7.2 Joint Development
   Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes (Item Number and Explanation):