

Some Technical Articles for Safety Engineers

by Dave Lohbeck
 Compliance Engineering Manager
 National Instruments
 Tel: 512-683-8474
ni.com/certification

Here are a few articles written by Mr. Lohbeck that may be of interest to safety engineers.

Safety isolation protects (EDN) >

<http://www.edn.com/contents/images/454635.pdf>

Safety certification for the T&M world (T&MW) >

<http://www.reed-electronics.com/tmworld/article/CA439351?pubdate=8%2F1%2F2004>

Safety Design and Certification - part 1 (EDN) >

<http://www.evaluationengineering.com/archive/articles/1103prodsafe.htm>

Safety Design and Certification - part 2 (EDN) >

<http://www.evaluationengineering.com/archive/articles/1203prodsafe.htm>

Intro to Safety Isolation and Certification (training video: 40 mins) >

<http://zone.ni.com/devzone/conceptd.nsf/webmain/EFA48CB646A6C93386256ED300527355>

EMC UK 2006

By Brian Lawrence, Executive Director

The U.K. had not hosted an international EMC conference and exhibition between 1997 and 2004. As there had been many changes in legislation, standards, and design techniques over that time, as well as a much broader involvement of government and industry, EMC UK 2004 was conceived and organized by Nutwood UK, under the direction of Alan Hutley, managing director.

EMC UK 2004 took place at the new exhibition center at Newbury Racecourse in October 2004, and was designed to attract an international audience keen to learn about new techniques and the implications of the broader legislation encompassing not only EMC but related topics such as the Low Voltage Directive,

functional safety, and telecommunications.

The following year EMC UK 2005, at the same Newbury venue, attracted 50 exhibitors and 36 technical papers divided into two streams and five modules.

On October 17-18, 2006, Nutwood UK presented their third EMC UK conference and exhibition, which turned out to be their most successful and enthusiastically supported event in this series. EMC UK 2006 featured 33 presentations spread over into 8 modules. There were 60 exhibitors and over 800 attendees for the two days.

The event was staged in association with the IET EMC Professional Networks and supported by EMCIA, EMCTLA and the IEEE GB and NI Chapter. The conference featured a keynote address from Andy Drozd, President of the IEEE EMC Society.

However, the most significant new feature for 2006 was the presence of NARTE as an exhibitor. Nutwood UK were kind enough to provide a full 3m x 3m booth