



**UL's Transition Plan for Power Conversion Equipment (Variable Speed Drives)
from UL 508C to UL 61800-5-1**

August 29, 2012

Dear Customer,

Your industry has requested harmonization of requirements with respect to power conversion equipment (variable speed drive) related standards. UL in collaboration with members of industry has developed a new standard to replace the current standard for Power Conversion Equipment, UL 508C. The new standard for drives is based on the current IEC standard, IEC 61800-5-1, 2nd Ed., 2007. The new standard is UL 61800-5-1 and was published on June 8, 2012.

The purpose of this letter is to inform you of changes in UL's certification program related to UL 61800-5-1. These changes will affect all new and currently certified devices under the following UL Categories (CCNs): [NMMS](#), [NMMS2](#), [NQMD](#), [RCRX](#), [XDNZ](#) and [XDNZ2](#).

Because the new standard, UL 61800-5-1, has been published, drives may be investigated to this new standard under category NMMS2, if requested. Please note that there are significant differences between requirements in UL 508C and UL 61800-5-1, as well as IEC 61800-5-1 and UL 61800-5-1.

The transition plan for currently certified devices under CCN's NMMS, NMMS2, NQMD, RCRX, XDNZ, and XDNZ2 has not been formalized. The transition plan will be presented in the near future, approximately October 2012.

Action Required

There is no required action at this time.

Additionally, please note that several categories within UL 508, the Standard for Industrial Control Equipment, have been harmonized with selected IEC Standards (e.g. UL 60947). Please visit the [UL 508/508C Transition website](#) for additional details.

If you have any questions related to the above, please contact Mr. Salvatore Porcillo at Salvatore.Porcillo@ul.com or at 631.546.2620.

To help you understand this new standard, we are offering a seminar which is scheduled in Frankfurt, Germany on October 18, 2012. The seminar will detail the requirements of UL 61800-5-1 and the differences between UL 61800-5-1, UL 508C, and IEC/EN 61800-5-1. Additional sessions will be scheduled shortly in other locations. For more information, please visit www.ulknowledgeservices.com and select "Germany" as your location.

We appreciate your business and look forward to working with you for all of your product certification and testing needs.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jeff Smidt'.

Jeff Smidt
Vice President & General Manager, Energy & Industrial Systems
UL LLC