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## Subject 1054

**TO:** Applicants of UL's Recognition Service for Special Use Switches (WOYR2) and Appliance Switches (WKKY2)

**SUBJECT:** Update Regarding UL's Transition from UL 1054 to UL61058-1 and the Impact on the Recognized Component Switch Categories

UL's planned transition from UL 1054 to UL 61058-1 resulted in two different product categories: *Special Use Switches* - WOYR2 (UL 1054) and *Appliance Switches* - WKKY2 (UL 61058-1). The premise was that switches complying with the new standard would be differentiated in the certification directory, via the new product category, from those that would continue to be Recognized until the withdrawal of UL 1054 June 23, 2015. UL began implementing this plan in 1998 and has observed the impact of the plan on affected switch and end product manufacturers.

### Proposal:

Based upon the feedback received from switch manufacturers, as well as feedback from end-product users, UL is reassessing the efficacy of the original plan. Because the two-category plan has created some unintended complexity not sufficiently offset by the advantages of separate product categories, **UL is proposing to cover switches evaluated in accordance with UL 61058-1 under the single legacy product category of WOYR2.**

If implemented, this proposal would yield the following benefits:

- Allows manufacturers to retain their historic UL file numbers for their appliance (special use) switches. The file number is often used in product marketing collateral and is a reference point for switch buyers as well as internal certification documentation.
- Allows the switch buyer and end product UL certification report to continue to reference the familiar WOYR2 category control number (i.e. CCN), minimizing the impact on the supply chain.
- Enables switches complying with both UL standards to be covered under the same file number, eliminating the need for a redundant UL file.
- Provides a more self-contained transition from UL 1054 to UL 61058-1, minimizing the certification requirements and documents, although the two FUII's will be retained. See below.

The proposal also includes the following considerations:

- The Follow-up Inspection Instructions (FUII) and Follow-up Service (FUS) testing will be made specific to the content of the FUS Procedure volume, and will not change with the move to WOYR2. Switches evaluated to UL 61058-1 will continue to be subject to

the UL 61058-1 FUII, while switches evaluated to UL 1054 will be subject to the UL 1054 FUII.

- Switch engineering markings (e.g. electrical ratings) will continue to follow the requirements for the specific standard.
- Switch certification markings (e.g. UL Mark) will remain the same, although a manufacturer's ID using the WKKY2 UL file number will need to change to the WOYR2 file number.

UL has already revised the UL end product standards to indicate that compliance with UL 61058-1 is considered to fulfill the requirement that a switch comply with UL 1054. This is intended to avoid any potential disruption of the end product supply chain during the transition. Eventually, the end product standards will simply refer to UL 61058-1.

UL's on-line certification directory and iQ database will be revised so that switch manufacturers, end product manufacturers and other users of these databases can easily identify which switches have been certified to UL 1054 and which switches have been certified to UL 61058-1.

If the proposal is accepted, UL is seeking to implement it as follows:

- As of September 15, 2010, customers with an existing WOYR2 file will be able to submit switches for evaluation in accordance UL 61058-1 using their existing WOYR2 file. Switches evaluated to UL 61058-1 will then be included in a separate volume of the existing WOYR2 FUS Procedure file (having a separate volume will enable identification of the standard used to evaluate the switch).
- For customers with only a WKKY2 File, UL will revise by January 7, 2011 the product category of the file to be WOYR2, retaining the present file number and FUS Procedure file content.
- For customers with both a WOYR2 and WKKY2 file, the option to combine the two files or to keep them separate for a period of time will be offered. This is to accommodate a customer's particular need to implement the transition internally as well as with their own customers. The combination of the two files into the one WOYR2 file will need to be completed by June 1, 2011.
- Customers who supply the portable tool industry and have used WKKY2 for this purpose will continue to retain a WKKY2 Procedure file that will be amended to reflect this special use (see below). The requirements for such switches will reflect the hand held, intermittent duty usage of portable tools and will generally not be suitable for most other appliances.

The impact of this revised implementation plan for UL 61058-1 can be summarized as follows:

UL customer... Has a WOYR2 file only	Has both a WOYR2 and WKKY2 file	Has a WKKY2 file only	Does not currently have a UL file
<ul style="list-style-type: none"> <li>- Manufacturers have until June 2015 to complete projects for the evaluation of UL 1054 switches to the new requirements of UL 61058-1, or be withdrawn.</li> <li>- UL will create a new volume under the existing WOYR2 Procedure file for UL61058-1 evaluated switches.</li> </ul>	<ul style="list-style-type: none"> <li>- Manufacturers have until June 2015 to complete projects for the evaluation of UL 1054 switches to the new requirements of UL 61058-1, or be withdrawn.</li> <li>- UL will create a new volume under existing WOYR2 Procedure file and move content from WKKY2 Procedure file by no later than June 2011.</li> <li>- UL will coordinate this activity with any manufacturer's decision regarding switches for UL 60745 (portable, hand held) tools only.</li> </ul>	<ul style="list-style-type: none"> <li>- UL will convert to WOYR2 Procedure file by January 2011.</li> <li>- UL will coordinate this activity with any manufacturer's decision regarding switches for UL 60745 (portable, hand held) tools only.</li> </ul>	<ul style="list-style-type: none"> <li>- New certifications (after September) will be covered under the WOYR2 category.</li> <li>-New certifications (after September) for tool switches only will be covered according to the manufacturers choice under WKKY2 or WOYR2.</li> </ul>

\* \* \*

At this time no additional action is required from the switch manufacturer. If the proposal is accepted, UL will contact the affected manufacturers and then take the actions described above beginning in September.

In the meantime, UL has created a library of reference documents for UL 61058-1 to facilitate the transition from UL 1054 to UL 61058-1. Manufacturers who would like to review a summary of the technical differences between the UL 1054 and UL 61058-1 standard are invited to use the link below.

<http://www.ul.com/global/eng/pages/offerings/industries/appliancesandhvac/switches/ul61058/>

#### **Future Use of WKKY2 Product Category:**

UL anticipates creating a new standard, Part 2 of UL 61058-1 (UL 61058-2-x, *Switches for Power Tools*), for the evaluation of switches specifically intended for use in *Hand-Held Motor-Operated Electric Tools*, covered by standard UL 60745. The product category WKKY2 will be reused and limited only to switches for use in these tools. As noted above, UL will work with manufacturers who presently have switches for tools under the WKKY2 category to determine whether they want to continue in the category or move these models to the WOYR2 category for the more general use in appliances.

It should be noted that UL 61058-1 switches under WOYR2 will fulfill the requirements of UL 60745 but the planned UL 61058-2-x will take advantage of specific technical considerations for the tool application (e.g. attended, intermittent duty). UL will provide more information on this new Part 2 as it becomes available.

#### **Comments Requested:**

UL requests that any comments on the proposed transition plan for UL 61058-1 switches to the WOYR2 category, be **provided to Ian McDonald by July 23, 2010**. If you would like to

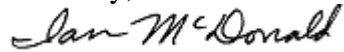
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receive similar correspondence by e-mail please send your e-mail and contact information to ian.mcdonald@us.ul.com.

If you have additional questions on how this may affect your present or future products please contact your local UL office.

Sincerely,



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