

**Summary of Significant Changes**  
**Between the updates dated March 23, 2011 and November 29, 2011 of**  
**UL 1081, “Swimming Pool Pumps, Filters, and Chlorinators”**  
**(6<sup>th</sup> edition, dated January 29, 2008)**

**General:** There were technical changes to this standard.

Section 1.1: Updated the scope with the addition of the following text: *The pump is secured directly to the motor or the pump and motor are factory secured to a common frame.*

Section 1.3: Updated the scope with the addition of the following text: *b) A water circulating pump with additional chlorine injection; or*

Section 31.1: Updated the starting current test as follows: *A unit shall be capable of starting and operating as intended on a circuit protected by a ~~Class-H~~ non-time-delay branch circuit fuse having a current rating corresponding to that of the branch circuit to which the unit is intended to be connected.*

Section 34.5: Changed the requirement for thermocouple wire conformance as follows: *The thermocouple wire is to conform with the requirements for special tolerances thermocouples as ~~specified listed~~ in the Initial Calibration Tolerances for Thermocouples in Temperature Measurement Thermocouples, ANSI/ISA-MC96.1 Tolerances on Initial Values of EMF versus Temperature tables in the Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples, ANSI/ASTM E230/E230M.*

Section 37.1.3: Clarified the dielectric voltage-withstand test for double insulated units as follows: *Exception No. 1: The dielectric voltage-withstand test for double-insulated units following the operation described in 37.4.....*

Section 41.1: Decreased the hydrostatic pressure test parameters from 5 to 1.5 times the maximum pressure that the pump can develop.

Section 50.1.3: Updated the marking for a permanently installed pump provided with a supply cord and locking type attachment plug as follows: *A ~~cord and plug connected~~ permanently connected unit provided with a power supply cord in accordance with the Exception to 10.1.1 shall be plainly marked....*

Section 50.1.3.1: This section was added and the following requirement is effective May 29, 2013: *A storable pool pump shall be plainly marked where readily visible with the word “WARNING” and the following statement: “Risk of Electric Shock. Connect Only to Grounding Type Receptacle.”*

Section 50.1.10: Changed the minimum letter height for cautionary markings from plain and permanent marking to: *The signal words “CAUTION”, “WARNING”, and “DANGER” shall be in letters at least 1/8 inch (3.2 mm) high. The remaining letters of such cautionary markings, unless specified otherwise in individual marking requirements, shall not be less than 1/16 inch (1.6 mm) high.*

Added the following options for cord tag markings: *b) Located not more than 6 inches (152.4mm) from either the pump housing, the attachment plug or integral GFCI in the case of storable pool pump.*

Section 50.1.21: The following change in the requirement is effective May 29, 2013: *Exception: The marking shall refer to ~~5~~ 6 feet instead of 10 feet when the unit is provided with a grounding, locking-type attachment plug as specified in 9.1.4.*

Section 50.2.1: Deleted the marking requirements for electrically operated pool covers.