

SUBJECT 157

August 1, 2007

TO: Subscribers to UL's Standards Service and Certification Service for Gaskets and Seals

SUBJECT: CERTIFICATION REQUIREMENTS FOR GASKETS AND SEALS USED IN FLAMMABLE LIQUID HANDLING EQUIPMENT RATED FOR GASOLINE/ETHANOL BLENDS HIGHER THAN 15% ETHANOL

This bulletin announces an enhancement of UL's certification program for gasket and seal materials used in flammable liquid handling equipment. Currently, UL's certification program for gaskets and seals covers flammable liquid handling equipment applications where the concentration of ethanol does not exceed 15 percent. The test program in the attached certification document will be used to certify gasket and seal materials for use in flammable liquid handling equipment rated for gasoline/ethanol blends containing higher than 15 percent ethanol, such as E85. Additional performance requirements in the end product standard (such as UL 87) may also apply to the sealed parts in the end use application.

The Standard for Gaskets and Seals, UL 157 covers test procedures and performance criteria for the evaluation of nonmetallic gasket and seal materials for specific end-product applications. The provisions outlined in the attachment to this bulletin will be submitted to the 157 Standards Technical Panel (STP) for inclusion in that standard as part of UL's consensus standards development process. Until such time as UL 157 is revised to include these new requirements, the attached document will be used to certify gasket and seal materials for this application. The requirements in the attached certification document may be superseded by future published revisions to UL 157 and in that case the certification requirements will be withdrawn at that time.

Questions regarding interpretation of requirements should be directed to the responsible UL Staff in the office where you normally conduct engineering investigations.

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