

Subject 1203 (674, 698, 823, 844, 877, 886,
894, 1002, 1010)
(In reply, refer to Subject 1203)

12 Laboratory Drive
Research Triangle Park, NC 27709
August 23, 2002

**TO: UL 1203 Standards Technical Panel for Explosion-Proof and Dust-Ignition-Proof
 Electrical Equipment for Use in Hazardous (Classified) Locations
 Subscribers to UL's Standards Service for
 Electric Motors and Generators for Use in Division 1 Hazardous (Classified)
 Locations, UL 674
 Industrial Control Equipment for Use in Hazardous (Classified) Locations, UL 698
 Electric Heaters for Use in Hazardous (Classified) Locations, UL 823
 Electric Lighting Fixtures for Use in Hazardous (Classified) Locations, UL 844
 Circuit Breakers and Circuit-Breaker Enclosures for Use in Hazardous (Classified)
 Locations, UL 877
 Outlet Boxes and Fittings for Use in Hazardous (Classified) Locations, UL 886
 Switches for Use in Hazardous (Classified) Locations, UL 894
 Electrically Operated Valves for Use in Hazardous (Classified) Locations, UL 1002
 Receptacle-Plug Combinations for Use in Hazardous (Classified) Locations, UL
 1010
 Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in
 Hazardous (Classified) Locations, UL 1203**

**SUBJECT: Announcement Regarding Implementation of Requirements for UL 1203, Standard
 for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in
 Hazardous (Classified) Locations, for Certification of Associated Product Standards**

The Third Edition of the Standard for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations, UL 1203, is intended to be the single document for the requirements for explosion-proof and dust-ignition-proof electrical equipment. UL 1203 already provides the foundation for explosion-proof and dust-ignition-proof requirements for a number of UL hazardous (classified) location product standards; the product standards either reference UL 1203 or more typically incorporate the text directly, or both, as appropriate.

When UL 1203 is edited and adopted in accordance with UL's ANSI-accredited standard development process, it often takes time before the associated product standards can be revised to reflect the new terminology in UL 1203. In the interim, separate and perhaps conflicting requirements can exist for the same product. This presents a challenge to everyone involved.

This situation can not always be avoided. However, in response to inquiries requesting that UL hazardous (classified) location standards share greater uniformity, UL is currently taking a proactive step by initiating revisions to UL 1203 that would incorporate a select group of product standards into UL 1203. For the affected standards, the product information will be included in UL 1203 and the individual standards would then be withdrawn. This would eliminate multiple and sometimes varying versions of the same explosion-proof and dust-ignition-proof requirements coexisting in multiple standards.

In other cases, certain product standards will continue to stand alone, but will be harmonized more closely with the appropriate requirements of UL 1203. This will reinforce the premise that UL 1203 is the single source for explosion-proof and dust-ignition-proof requirements. The overall goal is to have a common set of requirements for construction and performance for the explosion-proof and dust-ignition-proof protection techniques where the type of product does not warrant a difference. The affected standards are as follows:

To be incorporated into UL 1203	To be harmonized with UL 1203
Industrial Control Equipment for Use in Hazardous (Classified) Locations, UL 698 Electric Heaters for Use in Hazardous (Classified) Locations, UL 823 Circuit Breakers and Circuit-Breaker Enclosures for Use in Hazardous (Classified) Locations, UL 877 Outlet Boxes and Fittings for Use in Hazardous (Classified) Locations, UL 886 Switches for Use in Hazardous (Classified) Locations, UL 894 Electrically Operated Valves for Use in Hazardous (Classified) Locations, UL 1002 Receptacle-Plug Combinations for Use in Hazardous (Classified) Locations, UL 1010	Electric Motors and Generators for Use in Division 1 Hazardous (Classified) Locations, UL 674 Electric Lighting Fixtures for Use in Hazardous (Classified) Locations, UL 844

These revisions are expected to take some time to complete. In the meantime, UL will, at the request of a manufacturer, evaluate a product covered by one of the above standards to the requirements in UL 1203 for certain construction and performance requirements. This will provide the manufacturer with more consistency when producing castings that are used for different products.

Any comments on this announcement should be directed to the attention of the undersigned in writing within 30 days.

This bulletin should be kept with your copy of the standard.

Questions regarding interpretation of requirements should be directed to the responsible UL Staff. Please see Appendices A and B of this bulletin regarding designated responsibility for the subject product categories.

UNDERWRITERS LABORATORIES INC.

REVIEWED BY:

JONATHAN BRANIA
 Project Engineer
 Standards Department
 Research Triangle Park Division
 12 Laboratory Drive
 Research Triangle Park, NC 27709-3995
 Fax: (919) 547-6262
 E-mail: jonathan.brania@us.ul.com

ED BRIESCH
 Senior Staff Engineer
 Conformity Assessment Services 3018
 Northbrook Division

SR: WTC

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APPENDIX A**UL PRODUCT CATEGORIES**

CCN	PRODUCT CATEGORY
AIIS, AINU, AINU7	AIR CONDITIONING EQUIP FOR USE IN HAZ LOCS
ARDK	ELECTRIC ALTERNATORS FOR USE IN HAZ LOCS
CYPH	CAMERA EQUIPMENT FOR USE IN HAZ LOCS
DAZV, DAZV7	CENTRIFUGES FOR USE IN HAZ LOCS
DKAR, DKNZ	CIRCUIT BREAKERS FOR USE IN HAZ LOCS
DMRR, DMRR7	CLEANING MACHINES FOR USE IN HAZ LOCS
DUFK, DUFK7	COMBUSTION DETECTION EQUIPMENT FOR USE IN HAZ LOCS
EBNV, EBNV2, EBNV3, EBNV7	CONDUIT FITTINGS FOR USE IN HAZ LOCS
FTEV, FTEV7, FTGT	EMERGENCY LIGHTING EQUIPMENT FOR USE IN HAZ LOCS
FTRQ	ENCLOSURES FOR METERING EQUIPMENT FOR USE IN HAZ LOCS
FTRV, FTRV2, FTRV7, FTRV8	ENCLOSURES FOR USE IN HAZ LOCS
FTRX, FTRX7	ENCLOSURE ACCESSORIES FOR USE IN HAZ LOCS
IFGZ, IFGZ7, IFUX, IFUX7, IFYJ, IGBW, IGBW7, IGIV, IGIV7, IGMX, IGOY	FIXTURES & FITTINGS FOR USE IN HAZ LOCS
KCYN	GROUND-FAULT CIRCUIT INTERRUPTERS FOR USE IN HAZ LOCS
KFHT, KFHT2, KFHT7, KFVR, KFVR7, KGCI, KGIZ, KGIZ7, KGWX, KGWX2, KGWX3	HEATERS FOR USE IN HAZ LOCS
MPAH2	HERMETIC-REFRIGERANT MOTOR COMPRESSORS FOR USE IN HAZ LOCS
NGGV	WATER DRIVEN VENTILATORS FOR USE IN HAZ LOCS
NIMY2, NIMY8	INDUSTRIAL CONTROL EQUIP FOR USE IN HAZ LOCS
NNNY, NNNY7, NNRL, NNUX, NNUX2, NNUX7, NNUX8, NOIV, NOIV3, NOIV7, NOPU2, NOPU8, NOTH, NOTH7, NOWT, NOWT7, NOWT8, NPKR, NPKR2, NPKR3, NPKR7, NPKR8, NPXZ, NPXZ2, NPXZ7, NQLX, NQLX2, NQLX3, NQLX7, NQMJ2, NQMJ8, NRAA, NRDZ, NRFQ	INDUSTRIAL CONTROL EQUIPMENT FOR USE IN HAZ LOCS
NWGF2	INDUSTRIAL TRUCK & TRUCK BATTERY ACCESSORIES FOR USE IN HAZ LOCS
OGNA, OGNA7	LABORATORY EQUIPMENT FOR USE IN HAZ LOCS
OLWG2	SEALING BUSHINGS FOR USE IN HAZ LOCS
PICX	MEASUREMENT EQUIPMENT, CLASSIFIED, FOR USE IN HAZ LOCS
PINR, PINR7	MEDICAL EQUIPMENT FOR USE IN HAZ LOCS
POWD, POWD7	MINERAL INSULATED CABLE ASSEMBLIES FOR USE IN HAZ LOCS
POWX	MINERAL INSULATED CABLE FITTINGS FOR USE IN HAZ LOCS
PRSN, PRZM	MOTORS & GENERATORS FOR USE IN CLASS I, ZONES 0, 1 & 2 HAZ LOCS

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