

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
January 19, 2005

TO: Subscribers to UL's Standards Service for
 Electric Motors and Generators for Use in Division 1 Hazardous (Classified)
 Location, 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: Draft 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

Summary of Topics

UL announces draft 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.

In response to inquiries requesting that UL hazardous (classified) location standards share greater uniformity, UL is 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the affected standards, the product information will be included in UL 1203 and the individual standards will then be withdrawn. This will eliminate multiple and sometimes varying versions of the same explosion-proof and dust-ignition proof requirements coexisting in multiple standards. 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.

UL 1203 is intended to be the primary 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 standards; the product standards either reference UL 1203 or more typically incorporate the text directly, or both, as appropriate.

The standards to be incorporated into UL 1203 are:

Industrial Control Equipment for Use in Hazardous (Classified) Locations, UL 698

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

A draft for comment will be provided using an online environment, UL's Collaborative Standards Development System (CSDS). If you wish to participate by providing your comments in CSDS, please send your email address to Patti Van Laeke, fax number (919) 547-6172 or by email, patricia.vanlaeke@us.ul.com. Your email address will be added to CSDS so you may login, review the UL 1203 draft and provide comments.

The deadline for providing your email address for the online collaboration of the draft document is **February 7, 2005**.

UNDERWRITERS LABORATORIES INC.

REVIEWED BY:

PATTI VAN LAEKE
Project Manager STP 1203
Standards Department
Research Triangle Park
Phone: (919) 549-1723
Fax: (919) 547-6172
E-mail: patricia.vanlaeke@us.ul.com

DAN RYAN
STP 1203 Chair
Global Standards
Research Triangle Park

Copyright © 2005 Underwriters Laboratories Inc.

SR: SAB

bul-1203.3_20050113