



Subjects 13, 444, 1424, 1425, 1655, 1651, 1690, 2250 and 2261

June 1, 2010

TO: Subscribers to UL's Certification Services for:

- Communications Cable (DUZX / DUZX7)
- Communications Cable Verified to UL Performance Category Program (DUZX)
- Data Transmission Cable Verified in Accordance With National or International Specifications (DVBI)
- Community Antenna Television Cable (DVCS)
- Data Processing Cable (EMRB)
- Non-Power-Limited Fire-Alarm Cable (HNHT)
- Power-Limited Fire-Alarm Cable (HNIR / HNIR7)
- Instrumentation Tray Cable (NYTT)
- Network Powered Broadband Communications Cable (PWIP)
- Optical Fiber Cable (QAYK / QAYK7)
- Power Limited Circuit Cable (QPTZ)
- Plenum Cable Compounds (QMTM2) – For Information Only

SUBJECT: UL's Mark Integrity Program for Telecommunications Cables

The purpose of this bulletin is to inform UL Subscribers of the revisions made to the proposed requirements affecting the Mark Integrity (Follow-Up) Programs for the above product categories based on Industry's response. The program elements proposed in our January 4, 2010 Bulletin were discussed during Industry Forums which were held in the US and China. Comments were received at the forum and from individual subscribers. The revised program described in this Bulletin incorporates some of the suggested changes requested by Industry.

The implementation timeframe for each new requirement is provided in the details below.

I. Holographic Listing Marks and October 1, 2010 Effective Date

To further enhance the integrity of the UL Mark, UL is introducing a holographic label requirement for the product categories shown above. This requirement will become effective October 1, 2010. The use of these special holographic labels has proven to be an effective tool in deterring counterfeit products from entering the marketplace. The number of labels, format, and effective date were revised based on comments received from Industry.

On and after October 1, 2010 all UL Marks for the above product categories (except for Plenum Cable Compounds (QMTM2)) will be printed on special UL holographic material. Of course, you may order and begin using UL holographic labels prior to the October 1, 2010 effective date, if you so choose. To ensure delivery of custom hologram labels by October 1, orders should be placed by Aug 15, 2010. Standard label orders should be placed by September 15 to ensure arrival by October 1, 2010.

There will be unique holographic labels for each of the product categories (CCN's) noted above. UL Label Centers will stock Standard hologram labels in several of the categories in the more popular denominations. Subscribers will also be able to order Combination (custom) labels printed on holographic label material, through UL's vendor of holographic labels after a successful review and approval of the label artwork by one of UL's Label Centers.

The requirements for engineering marking information on the tag or reel and the methods for applying these markings remain unchanged. UL will be working with the user community such as Distributors, and authorities having jurisdiction (AHJ's) to assist in the understanding of the holographic label and the importance of looking for the UL Label.

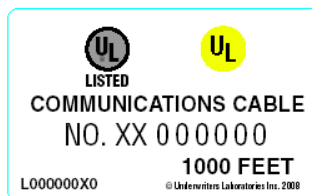
The introduction of a holographic label requirement will mean that Subscribers who have been authorized by UL to print their own UL Listing Marks at their factory or order them from any UL authorized label supplier must discontinue this practice of obtaining UL Marks. As a convenience to Subscribers, UL will make Standard holographic labels available in several of the above product categories. Any Subscribers who are currently authorized by UL to use nondenominational labels will continue to be authorized to use holographic nondenominational labels and Standard holographic nondenominational labels will also be made available. Subscribers who are interested in using nondenominational labels will need to contact their local UL Label Center to arrange for an assessment of their production record keeping system and their process for control of the UL Mark. These requests will be evaluated on a case-by-case basis.

The LAN Performance Verification Services under DUZX and DVBI will also be included in this Holographic Labeling requirement due to the intended end-use of these products, the construction similarities and the fact that Listing and Verification Follow-Up Service Procedures cross-reference each other.

The label usage will continually be monitored and future enhancements may be made to the requirements where determined necessary.

Ordering Hologram Labels

UL will stock Standard hologram labels in several of the categories in the more popular denominations. You may visit UL's website at <http://www.ul.com/global/eng/pages/corporate/aboutul/ulmarks/labelorders/> to see the types and denominations available. Orders for UL Standard labels may be made directly to a UL Label Center or through an on-line form at the above website. Standard labels will take the form as shown below.



Combination (custom) hologram labels can be ordered in any of the above product categories in the denomination needed for your production. Combination labels will contain in addition to the Listing Mark, Company specific information such as your Company name, file number, type designation, etc. Combination labels must be purchased through UL's designated printer of holographic labels. The attached Appendix details how to order Combination holographic labels. Payment for the printing and shipping costs associated with the Labels will be made directly to the printer. This is separate from the cost associated with UL's Follow-Up fees that are invoiced directly by UL.

Destruction of Obsolete Labels

In order to effectively transition by October 1, 2010, to the UL Marks printed on hologram material, all unused UL Marks that will become obsolete as the result of the introduction of the new hologram label will need to be destroyed on or before October 1, 2010. UL field representatives will be monitoring the destruction of these labels. There will be no refunds or replacements for labels destroyed as a result of this policy. Manufacturers can eliminate the need for the destruction of current UL Marks by minimizing current inventories and converting as soon as possible to the new holographic UL labels.

Questions relating to the ordering of UL holographic labels may be directed to any UL Label Center. Contact information may be found at the above mentioned website.

II. Establishment of “Compound Material Groupings” and Analytical Program – Effective Date to be Determined

a) Establishment of “Compound Material Groupings”

“Compound Material Groupings” will be established on an ongoing basis, based upon identified combinations of jacket and individual conductor insulation compound designations, by grade and manufacturer (i.e. jacket material grade X from Mfr A and insulation material grade Y from Mfr. B). For Follow-Up testing purposes, a construction made from a particular combination (family grouping) will be considered to represent all constructions made with the same jacket and individual conductor insulation compound materials (same family). This list will be maintained in the UL File with the reference dates of the analytical data described below.

b) Analytical Program

All authorized Plenum, Riser, and Vertical Tray cable constructions will be subjected to an analytical program on an ongoing basis. The analytical program will consist of the Infrared Analysis (IR) and Elemental Analysis of the jacket and individual conductor insulation taken from extruded cable as well as a Cone Calorimeter on the finished cable. This information will be used to predict the performance of the finished cable in Large Scale Flame test (LSFT) scenarios and will be a contributing factor for future verification of cables. Optical Fiber Cables will only need to have their jacket materials subjected to the analytical program.

If a jacket/insulation material had not been subjected to an analytical program either during the new work submittal or under UL’s FUS program within three years from the date of this Bulletin, the authorization for the use of UL’s Certification Marks will be suspended for the entire compound material grouping of cables until samples are selected.

A separate UL Standards communication will be released by UL providing Subscribers with details related to the above.

New Work Project Submittals

Any new Plenum, Riser or Vertical Tray cable New Work Projects, the finished cable will need to be subjected to the analytical program described in Item II b) above. The reference data will be identified in the cable’s UL File and will serve as the basis for comparison under the UL FUS Program.

Follow-Up Sample Selections

To create and maintain the compound material grouping and to conduct the analytical program, the following samples shall be selected. These samples are in addition to the sample selections currently required and described in the FUII pages,

A ten-foot (approximately three meters) sample of extruded riser, plenum or vertical tray cable will be selected during routine visits by the UL Field Representative. The sample selections tested will not exceed a maximum of eight samples a year. The samples will be subjected to the analytical test program noted in Item II b) above. The sample selections will be rotated such that samples from each compound material grouping are selected over a three-year period. If a particular compound material grouping is not selected within this timeframe, authorization for the use of UL’s Certification Marks may be suspended for the entire compound material grouping until samples can be selected. The Subscribers should feel free to contact the UL Representative when there is a production run of a particular compound material grouping so that there will be no delays in production.

- a) Should the results of the analytical testing indicate a failure to comply with the Large Scale Flame test, the authorization for the use of UL's Certification Marks will be suspended for the entire compound material grouping. A sample of a representative cable will be required for the large-scale flame testing as well as any other FUS tests deemed necessary. If acceptable results are obtained on these samples, the use of the UL Certification Marks may again be authorized, an analytical program will be conducted on these samples and the results will be placed in your UL File as indicated above.
- b) Should the results of the analytical testing support compliance with the Large Scale Flame test, no further testing would be required. The results of the analytical program will be documented for future reference.

III. UL Market Survey Program

Market Surveys are currently an integral part of UL's Follow-Up Programs for Safety Certification and LAN Verification Services. UL staff purchase UL labeled products from Retailers or Distributors to assure the ongoing compliance of UL Labeled products in the field. The Market Survey will become a permanent element of the Follow-Up Programs for the above categories and is contingent upon the ability to purchase UL Listed cables from a cross-section of the client base.

Effective upon the date of this Bulletin, **when requested**, subscribers will be expected to provide the names of their distributor(s) to UL. You will be contacted by UL for this information by a separate communication. Please note that as part of your continued certification, it will be mandatory to provide this information and failure to cooperate may result in further action on your File.

Subscribers at the forums had indicated that they were concerned with the confidentiality of the information. As discussed at the forums, this information will remain proprietary just as any other information provided to UL.

Once this distributor / customer information is provided, UL will have access to telecom cable products manufactured by all Listees in these categories. The Market Survey will be conducted by UL on an ongoing basis (as opposed to a fixed frequency). Each of our purchases from distribution will sample a much broader cross-section of the client base and rely primarily on analytical testing to predict the fire / smoke performance of finished cables.

The jacket and insulation materials of purchased cables would be subject to analytical testing described in IIb above, to identify material composition consistent with cable fire / smoke performance requirements. If the results of the analytical testing indicate a failure to comply with the Large Scale Flame test, another sample of the same cable of sufficient length will be purchased from the distributor as part of a Product Incident Report (PIR) (previously know as a Field Report) and subjected to large scale fire testing, as well as any other Follow-Up Tests determined necessary. If acceptable test results are obtained, no further action would be required.

If unacceptable results are obtained, the authorization for the use of UL's Certification Marks will be suspended for the entire compound material grouping of cables. Depending on the significance of the nonconformance, additional action will need to be taken which may result in the withdrawal of the File. At a minimum, a suitable root cause analysis and corrective action will be needed. After the appropriate corrective action plan is put into place, the manufacturer will need to provide samples for the large-scale flame testing as well as any other tests deemed necessary including analytical testing. If acceptable results are obtained, the use of UL's Certification Marks for the compound material grouping may again be authorized. The costs for the tests due to a nonconformance will be billed back to the Applicant.

As described in Item I of this Bulletin, the evidence of UL Listing is the UL Holographic Listing Mark (Label) and the UL Logo "(UL)" in the surface print, which is mandatory. If a Subscriber's cables are purchased from distribution and found to bear the UL Logo in the surface print, without the Holographic Listing Mark on the reel

/ package, immediate action will be taken by UL, which may include taking possession of the UL Mark inventory, withdrawal of the Listing and consideration of a Public Notice.

IV. Minimum Inspection Frequency – Effective October 1, 2010

The minimum inspection frequency for the subject categories will be four times a year regardless of the production level or the number of Labels used.

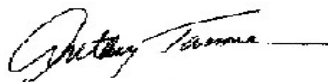
V. UL Marking on the Cable

As indicated in the published Guide Card for these products, “The UL symbol on the product and the Listing Mark of Underwriters Laboratories Inc. on the attached tag, the reel, or the smallest unit container in which the product is packaged is the only method provided by UL to identify products manufactured under its Listing and Follow-Up Service.” On the product means that the UL symbol shall appear on the surface print of the cable. The UL symbol can be either the complete UL in a circle, or can be the letters “UL” in parenthesis “(UL)”. Based on the above, it is important to remind subscribers that the surface printing of the UL Certification Mark on the wire insulation or jacketed material is **only** permissible when the accompanying reel or smallest unit container is also provided with the UL Listing Mark. Should it be determined (either as a result of a UL FUS inspection visit or through the manufacturer’s own control procedures), that the cable is no longer eligible to have the UL Certification Mark applied to the product, then it will be necessary to ensure that any surface printing referencing UL is removed. Even in situations where the manufacturer may claim the product complies with the requirements yet they wish to ship the product without the UL Certification Markings applied, then any surface printing referencing UL must be removed.

If you wish to view the translated version in local language, please visit the following website after June 10, 2010 <http://www.ul.com/global/eng/pages/offerings/industries/wireandcable/techcorner/>. Please note that the translated version is for your reference only, in the event of discrepancy, the English version shall be used.

Any questions regarding the above can be directed to the undersigned. Thank you for your cooperation with our Follow-Up Services Program.

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A P P E N D I X

ORDERING UL COMBINATION (CUSTOM) HOLOGRAPHIC LABELS

UL holographic labels may only be ordered through UL's vendor identified below. This is necessary so that proper controls are in place for both the manufacture and release of all UL holographic labels and to assure that these controls are maintained.

To order your custom UL holographic labels send your label order directly to:

The Label Printers
1710 N. Landmark Rd.
Aurora, IL 60506-1148

Phone: (630) 897-6970
(800) 229-9549

Fax: (630) 897-2801

www.thelabelprinters.com

Please include your telephone, fax and email address on your order. An invoice will be sent to you from The Label Printers to cover the printing and shipping charges. You may be required to pay prior to the production of your order. Please contact The Label Printers directly for more information.

A copy of your label order must also be sent concurrently to a UL Label Center for the authorization and assignment of the serials that will appear on the finished labels. Contact information for UL's Label Centers may be found on UL's website located at:

<http://www.ul.com/global/eng/pages/corporate/aboutul/ulmarks/?set-cookie=true>

Your order to The Label Printers must include a label layout design, the quantity of labels being ordered, your label Part number, the type of Mark desired (i.e. UL symbol for the USA certification or the c-UL-us symbol for both Canada and the USA), the UL File No., factory location where the labels will be used and other information as required, such as the label denomination, i.e. 500 FT, 1000 FT, etc.

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