



September 10, 2009

STANDARDS BULLETIN 2009-24

NOTICE OF PARTIAL DEFERRAL First Edition of CAN/ULC-S319-05, Electronic Access Control Systems

If you have previously purchased this Standard, you are receiving this Notice of Partial Deferral as an advisory.

The requirements of Table 10 (Recognition Requirements), pertaining to Items 7 & 8, outline the necessity to determine, through performance testing, false acceptance rates (FAR), false rejection rates (FRR) and authentication times for the purpose of establishing an empirical performance data point used to determine a rating/class for the equipment. However, following the publication of the Standard in 2005, it has now been established that Items 7 & 8 of Table 10 (Recognition Requirements), Appendices C7, D2, E7, F7 and G7, do not provide sufficient technical details to verify these parameters.

At the time that the Standard was developed, biometric devices were not as prevalent or as advanced as they are now and methods of determining performance parameters were not fully established. It is now evident from public documents and from experts that there are different scales of reliability and security uses that are appropriate for different biometric technologies. However, the methods for determining the performance of each of these are different and in many cases are still evolving.

Accordingly, with the approval of Committee on Security and Burglar Alarm Equipment and Systems, this Notice of Partial Deferral takes effect immediately as follows:

Deferment of the implementation of the requirements of Item 7 (Maximum time for each authentication using biometrics) and Item 8 (False acceptance and corresponding false rejection rate limits) of Table 10 (Recognition Requirements), and related Items 7 & 8 of Appendices C7 (Recognition Requirements-All Classes), D2 (Recognition-Class I), E7 (Recognition-Class II), F7 (Recognition-Class III), and G7 (Recognition-Class IV).

The effect of this deferral would be that biometric readers could continue to be evaluated in the approval envelope of an electronic access control system in accordance with Subsection 5.4.4 (Biometric Readers), and with portions of Table 10, except Items 7 & 8 of Table 10 and related Items 7 & 8 of Appendices C7, D2, E7, F7, and G7.

Presently there are ongoing international efforts within ISO/IEC JTC1/SC37 (Biometrics) to develop standards and define test protocols that are internationally accepted in establishing performance testing and ratings. The efforts identified above and/or other relevant standards activities will be considered during the development of the Second Edition of CAN/ULC-S319.

Should you require any additional information, please contact Mahendra (Mike) Prasad at 416-757-5250 Ext. 61242 or email: mahendra.prasad@ca.ul.com

Yours truly,
UNDERWRITERS LABORATORIES OF CANADA

G. Rae Dulmage
Director, Standards Department, Government Relations Office and Regulatory