

Acceptability of Series 8000 system by ULC/ ORD-C693-1994

© David Duggan, 2005

We are pleased to confirm that ESC equipment used in the monitoring of Fire Alarm Systems complies with the requirements of ULC's Other Recognized Document entitled ULC/ORD-C693-1994.

Although this document specifically states that it "*does not* contain requirements to cover equipment and devices used in central station and protected premises" (section 1.3, page 2), it *does* however require that the Signal Receiving Equipment which receives alarm and supervisory signals from the protected premises "shall comply with the construction and performance requirements contained in the Standard for Control Units for Fire Alarm Systems, CAN/ULC-S527, and the applicable sections of NFPA-72, the National Fire Code." (Section 4.1, page 7).

Similarly, the Signal Transmitting Equipment "shall comply with the construction and performance requirements contained in the Standard for Control Units for Fire Alarm Systems, CAN/ULC-S527, and the applicable sections of NFPA-72, the National Fire Code." (Section 9.1, page 15).

ESC's 8000 Series, specifically the Model 8100 Alarm Receiving Unit and the Model 8240 Signal Transmitter are listed by ULC under "Signal System Control Unit-Fire Alarm" as evidenced in the ULC List of Equipment and Materials – Burglar and Fire Alarm Systems and Components, July 1999, page 94. To be listed under this category, these units must be capable of being described as "electrical units for fire protective signalling systems to be employed in ordinary indoor locations in accordance with the Standards recommended by the NFPA for Proprietary, Auxiliary, Remote Station and Local Systems for Watchman, Fire Alarm and Supervisory Service." (page 93, ULC List of Equipment and Materials – Burglar and Fire Alarm Systems and Components, July 1999).

Further, in order to be listed in this category as "fire protective signalling systems" this equipment must meet the requirements of ULC S527, Section 7, page 29 entitled Remote Receiving Equipment.

It is evident then, that the ESC 8000 series of Fire Alarm monitoring equipment, being listed as Remote Station Type (page 94, ULC list of equipment and Materials) meets the requirements of ULC S527 and is therefore suitable for installations that are required to meet the criteria of ULC/ORD-C693-1994.