IN THE MATTER OF:

Technical Standards and Safety Act 2000, S.O. 2000, c. 16
- and -
Ontario Regulation 209/01 (Elevating Devices)

Re: GALaxy Elevator Controllers - Field Wiring Issue

Applicable to: All Owners of Elevators with GALaxy Controllers
All Elevator Contractors

Under the authority of s. 14 of the Technical Standards and Safety Act, 2000, the Director under O. Reg. 209/01 (Elevating Devices) hereby orders that:

1. ORDER to Owners of Elevators with GALaxy Controllers

Within 90 days of issuance of this order, you shall have a registered elevator contractor ensure that your device is in compliance to G.A.L. Important Notice RE: GALaxy Elevator Control Field Wiring dated April 29, 2014. Compliance with this requirement shall be entered in the log book.

2. Order to Contractors

Elevators with GALaxy controllers shall comply with G.A.L. Important Notice RE: GALaxy Elevator Control Field Wiring dated April 29, 2014. Compliance with this requirement shall be entered in the log book.

Attachment: G.A.L. Important Notice – Galaxy Elevator Control Field Wiring

Background
Elevators with GALaxy controllers, manufactured by GAL, may not have had field wiring installed properly. In some cases, field wires may not have been carefully inserted into their terminal blocks such that individual wire strands may be raised or exposed such that they are making contact with wiring from an adjacent terminal. This may cause an unsafe condition such as permitting elevators to run with open doors under certain circumstances, thereby putting mechanics or inspectors at risk to injury. Note: The affected devices have door lock monitoring in place to protect the public.

This order is effective immediately.

DATED this 1st day of June, 2014

Original signed by

Roland Hadaller P.Eng.
Director, O. Reg. 209/01
APPENDIX A:
G.A.L. Important Notice – Galaxy Elevator Control Field Wiring

G.A.L. Manufacturing Corporation
50 East 153rd Street, Bronx, N.Y. 10451
Phone (718) 262-9000 Fax (718) 292-2034

IMPORTANT NOTICE

RE: GALaxy Elevator Control Field Wiring

Date: April 29, 2014

To: All GALaxyCustomers:

Most of the field connections to GALaxy controls are made using stranded wire. When inserting this stranded wire into the terminals – especially those for EPD’s (Electrical Protective Devices) – care must be taken to ensure that all the strands are properly inserted in to the terminals. Improper striping and insertion may leave strands outside the terminals. Strands not in the terminals may make contact with the wires from an adjacent terminal.

The danger associated with an occurrence such as this has led us to recommend that, for all connections to Safety Devices - those listed in A17.1 – 2013, Requirements 2.26.2.1 thru 2.26.2.39 as applicable.

- Inspect all terminals used to connect safety devices. Ensure that the cage clamp is fully open before inserting a wire into the terminal block.

- Perform corrective action for wires with stray strands by one of the following methods:
  - Reconnect the wire with all wire strands correctly installed into the terminal. Visually verify that no wire strands are outside of the terminal. The conductor should be stripped and inserted completely into the terminal in such a manner that no more than two millimeters of bare wire is visible; or
  - Use an acceptable method such as tinning; or
  - Attach a ferrule to the end of field wire for safety devices (as pictured below) and insert the ferrule into the terminal.

- After removal and replacement of any of these field wires, the actual safety device should also be checked for proper operation.

Crimp tool for Ferrule

Stranded Wire with Ferrule Attached