



Field Evaluation Newsletter

April 2004

Working to Better Meet Your Needs:

- ESA's Field Evaluation Service has introduced a dedicated Customer Service Center to support us in responding to your needs. You can reach the Centre to request or follow-up on Field Evaluation Services at: Phone (1-800-559-5356) or (613) 271-1489; or Fax at 1-800-559-5358 or (613) 271-6441; or electronically at field.evaluation@electricalsafety.on.ca.
- ESA offers same day processing on all applications received before 2:00 p.m. – *don't forget to include your account # on all correspondence.*
- Personalized application forms are available to streamline your requests –contact our Customer Service Centre.
- ESA has a licensing agreement to apply CSA labels that are nationally recognized.

Update – Technical Requirements:

The Ontario Electrical Safety Code prohibits electrical equipment to be displayed, sold or connected to a source of power unless it is approved (Ontario Electrical Code Rule 2-022)

The industry is working to support electrical product approvals in Ontario . . .

- *Equipment manufacturers are working to certify more choices of circuit breakers when approving equipment.*
- *CSA has received approval to issue a revised CSA Standard C22.2 No. 235 to allow "special" supplementaries to be used in approved equipment as "over current devices" in specific applications (as defined in the Canadian Electrical Code), including:*

(a) Control circuits	(c) Remote control circuits
(b) Extra low voltage power circuits	(d) Signal circuits

This "special" protector will require extra testing and the identification of special codes "SC:U3 and TC:3" in the data sheets as opposed to on the device. With this code the device almost meets requirements for "Branch" circuits (CSA C22.2 N0. 5-02), and the committee decided they were safe enough for these 4 special circuits in equipment. CSA is expected to inform the Industry on when they can get their devices certified in the near future. Currently, manufacturers do not have any application data on how to use the devices, but information should be available to manufacturers by the end of the year.

If you decide to use these devices, plan a bit of extra time to check the "circuit" to make sure it actually meets the requirements above. Also you will need a copy of the manufacturers application notes so we can ensure it is the right "application code". Please note there will be many application codes. THE ONLY SUITABLE APPLICATION CODES ARE "SC:U3 and TC:3".

Please note that ESA will require some extra time to make sure the application and the device are suitable given additional checks that will be required to ensure electrical product compliance and safety – when planning, you should allow some extra time.

Mike Moore

General Manager-Field Evaluations