

## INTRODUCTION

To standardize technical information bulletins in the various disciplines, Safety Services and the Safety Codes Council have adopted the “STANDATA” format used by the building discipline. Each discipline establishes their own method of numbering and indexing, but the overall appearance between disciplines will be uniform.

For the electrical discipline, the information system is broken down into main categories (i.e., Introduction, Legislation, Canadian Electrical Code, Variances, etc.) and subcategories as required. Each STANDATA is issued by a subject name pertaining to a specific topic or section of the category in question. Headings and subheadings may be introduced to further define the subject matter contained in the STANDATA. The STANDATA is given a unique identifier designed to facilitate locating a specific bulletin.

**Example:** CEC-2 [rev-0] where:

- CEC refers to the main category (i.e., Canadian Electrical Code)
- 2 refers to the Section of the Code
- rev-0 refers to the latest revision of the specific bulletin with '0' being the original issue

This format allows STANDATA items to be developed or revised as required without having to republish the entire information system each time. It becomes a “living document” continually being upgraded to provide the user with current information. As new items are issued or existing ones revised, subscribers to the bulletin will receive an instruction page that identifies additions or replacements. Also included would be a revised table of contents to summarize the contents of the information system and the latest revisions.

STANDATA will also be posted on the Safety Services web site with links to the information system from the Safety Codes Council web site.

This first issue of STANDATA incorporates many of the information items originally published in the October 1995 Electrical Bulletin - Special Edition. It also includes information from the supplementary issues of the Electrical Bulletin and any new items approved by the Electrical Technical Council. You will notice that much of the original information has been edited and some has been omitted. Where it is deemed that revised or omitted information needs to be re-published, the Electrical Technical Council will authorize its release in subsequent STANDATA updates.

The electrical industry is invited to forward proposals for new or revised information items to the Electrical Technical Council for consideration. The Electrical Technical Council will address each proposal directly or through recommendations from appropriate advisory committees.

Proposals may be submitted to the: Technical Administrator, Electrical  
Alberta Municipal Affairs – Safety Services  
16<sup>th</sup> floor, Commerce Place  
10155 – 102 Street  
Edmonton, AB, T5J 4L4 Fax: (780) 427-8686  
E-mail: [pierre.mcdonald@gov.ab.ca](mailto:pierre.mcdonald@gov.ab.ca)

## What Is Electrical STANDATA?

Electrical STANDATA is an information system designed to provide subscribers with interpretations, guidelines, recommended practices, etc., to legislation and to the assorted codes and standards under the Safety Codes Act. It is important to note that information provided in STANDATA is not regulation and that you should consult current legislation along with adopted codes and standards for the purposes of applying the law. Legislation, codes and standards applicable to the electrical discipline are as follows:

- *Safety Codes Act (RSA 2000, Chapter S-1)*
- *Administrative Items Regulation (AR 16/2004 with amendments up to and including AR68/2008)*
- *Electrical Code Regulation (AR 209/2006 with amendments up to and including AR178/2009)*  
[Adopts the following codes]
  - The Canadian Electrical Code, Part I, Twenty-First Edition (C22.1-09)
  - The Code for Electrical Installations at Oil and Gas Facilities, Third Edition (2006)
  - The Alberta Electrical Utility Code, Third Edition (2007)
- *Certification and Permit Regulation (AR 295/2009)*
- *Permit Regulation (AR 204/2007 with amendments up to and including AR295/2009)*

## Acknowledgements

The content of this STANDATA is the result of a long-standing tradition of industry involvement and commitment to electrical safety. Over the years, countless Alberta stakeholders have contributed to the information contained herein. We also recognize the valued input from other provinces and national and international industry experts. The Electrical Technical Council of the Safety Codes Council, in partnership with Alberta Municipal Affairs, reviews and endorses all STANDATA before publishing. Following is a list of current Electrical Technical Council members indicating their industry affiliation:

| <b>Name</b>  | <b>Representing</b>               | <b>Name</b>     | <b>Representing</b>    |
|--------------|-----------------------------------|-----------------|------------------------|
| Larry DeWald | Certification Organizations       | John Bronius    | Electrical Workers     |
| Vacant       | Petro-chemical Industry           | Bill McAllister | Municipalities         |
| Ron Mah      | Electrical Engineering            | Daryl Schmidt   | Manufacturers          |
| Stan Misyk   | Electrical Safety Codes Officers  | Kevin Harrison  | Training Institutions  |
| Garfield Lee | Small Municipal Electric Utility  | Denis Holmes    | Major Cities           |
| Rene Leduc   | Oil and Gas Industry              | Darcy Teichroeb | Electrical Contractors |
| Allan Nagel  | Rural Electrification Association | Jim Porth       | Electrical Utilities   |
| James Rivait | Public Representative             |                 |                        |

## Availability

Subscriptions to the Electrical STANDATA information system are available from the Queen's Printer Bookstore in Edmonton at:

**10611 - 98 Avenue, Main Floor, Park Plaza, Edmonton, Alberta, T5K 2P7**  
**Tel. (780) 427-4952, Fax: (780) 452-0668 or Toll Free within Alberta by first dialing 310-000**  
**E-mail: [qp@gov.ab.ca](mailto:qp@gov.ab.ca) Internet: [www.gov.ab.ca/qp](http://www.gov.ab.ca/qp)**

As mentioned above, STANDATA will also be posted on the Safety Services web site [<http://www.municipalaffairs.alberta.ca/>] with links to the information system from the Safety Codes Council web site [[www.safetycodes.ab.ca/](http://www.safetycodes.ab.ca/)].