

**ShawFlex  
Welcomes You  
to  
2002!!!**

## Inside this Issue:

Quality Testing	1
Points of Interest	1
People You Know	1
Upcoming Events	1
Trivia Question	2
Contacts	2
News from Across Canada	2

## Upcoming Events:

March 13-14, 2002  
Electrical Showcase 2002  
BC Electrical Association  
Contact Barbette Cejalvo,  
604 291 7708

April 25-27, 2002  
Ontario Electric League  
Electrical Industry Conference  
- 2002  
Best Western Hotel  
Cornwall, ON

May 14-15, 2002  
Canadian Utility Equipment and  
Engineering Show  
Toronto International Centre  
Toronto, ON

May 29 - June 2, 2002  
Canadian Electrical Contractor's  
Association Conference - 2002  
Rimrock Resort Hotel  
Banff, AB

## Basic Electrical Tests for Cable

by Eric Bourgeault, Supervisor, Quality

Electrical tests are required to ensure cables meet performance and safety requirements mandated by regulatory bodies such as CSA and UL. ShawFlex cables are subjected to these tests to ensure that you receive a quality product.

The most important basic electrical tests are conductor continuity, dielectric strength (HiPot), spark test, conductor resistance and insulation resistance (IR). During different stages of manufacturing these tests are performed to ensure a superior product at the end.

These tests are done for the following reasons:

**Conductor Continuity** - performed to check that none of the insulated wires are broken.

**Dielectric Strength (high voltage)** - performed to verify that the insulation can withstand a rated voltage without breaking down.

**Spark Test** - performed during the extrusion process of the insulation or jacket to detect defects such as small holes, cracks or thin spots.

**Conductor Resistance** - performed to ensure the conductors in a cable are not stretched during manufacturing and to ensure the appropriate wire gauge size is used.

**Insulation Resistance (IR)** - performed to ensure the insulation meets a minimum resistance value required to avoid excessive current leakage.



## Special Points of Interest:

Lead times are still 8 weeks on most items. Remember to check when your order is placed.

## ShawFlex Employees Who Work for You....

The Inside Sales Group at ShawFlex is known to most of you by phone but we thought it would be nice to introduce the Canadian Inside Group with a combined wire and cable **experience of 33 years!!** That is a lot of experience working for you. Mike in Montreal, for the east, Marnie in Toronto for Central and

Karen for the West. Each of the next three issues will give you a little insight into our wonderful group.

Mike Godard was an excellent addition to the Montreal office with 20 years of experience in wire and cable. Hard working, yet fun to be with, Mike is here to answer most of your ques-

tions on wire and cable.

Known for his culinary expertise, Mike can guide you to the 10 best pizza places in Montreal.

GiGi's does not sound like a pizza place Mike!

# ShawFlex welcomes you to 2002 and a new year of Trivia Challenges

[www.shawflex.com](http://www.shawflex.com)

## Trivia Challenge

Trivia Answer Volume #4:

It is estimated that Canada has how much of the world's fresh water supply? 1/4, 1/3, 1/2???

Answer: 1/3

## New Challenge

What is the sport of exploring caves called:?

Send your answers via E-mail or fax.



## News From Across the Country

### Western Droppings

The proposed \$800M pipeline to link the heavy crude oil for the Fort McMurray oil sands to Refinery Row in Edmonton became a step closer this month. Bison Pipelines, owned by BC Gas, said it would apply to the regulators in July 2002 for approval of this line. The tentative construction date is early 2003 with start up in mid-2005. This will compete directly with the Corridor pipeline which is to start up soon moving oil from Shell Fort McMurray to Fort Saskatchewan.

Major project business for this territory is still on the books at the engineering levels and drops in oil prices have not yet affected this.

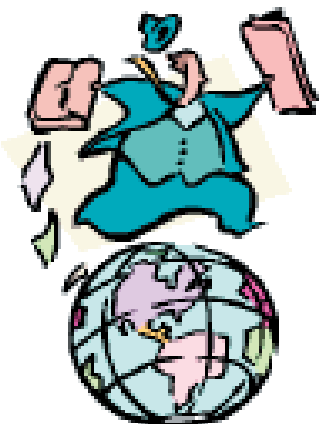
### Central Crumbs

Softening consumer demand coupled with fierce competition from Japanese, Korean and European auto manufacturers has resulted in the continuing, ongoing challenges for the Big Three. Ford recently announced the planned closure of the Oakville truck plant by early 2004.

The biggest privatization in Canada's history is expected when the sales of the monopoly that controls Ontario's electricity transmission and distribution network is completed. Hydro One Inc. is expected to go on sale with an IPO in the near future.

### Eastern Tidbits

The project train appears to be gathering momentum throughout Eastern Canada. Petro Canada, Alouette Aluminum, and Alcoa are just a few of the projects which should be forging ahead in the near future. This is in addition to the Hydro Quebec projects announced in the previous Circuit.



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