



Canadian Pipe & Pump Supply
Waterwell Drilling Supplies Environmental
Monitoring & Drilling Supplies

Waterwell and Groundwater Monitoring Newsletter

May 2013

Quick Links

[Canadian Pipe & Pump Supply
Our Products Page](#)
[MOE - Wells](#)
[MOE - Well Fact Sheets](#)
[MOE - Groundwater Map](#)
[Discussion of Regulation 903](#)
[Email Us Right Now](#)

Canadian Pipe & Pump Supply is an industry leader engaged in the manufacturing and distribution of pipe product used in waterwell and groundwater monitoring applications. In addition, we supply pumps and accessories used in conjunction with our pipe. We firmly believe in helping our customers grow their businesses. Our skilled team of industry experts can help select the proper product for your application or help to design a custom solution.

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We have four locations across Ontario to serve your needs. Please visit us at one of our branches located in Toronto, Orillia, Ottawa or Tillsonburg.

New ESA Standards for Underground Cables

Last May, the Electrical Safety Authority (ESA) issued a bulletin that specified changes to regulations for buried pump cable. Although the change occurred last year, its impact is now starting to be felt by members of the Ontario Groundwater industry. Many companies are still not aware of the new regulations and their impact on them. Please ensure that you and your fellow employees are aware of the changes to avoid fines.

The ESA issued Bulletin 12-2-16 that deals with "Underground cable installations and cables for submarine use - Rule 12-012" in May 2012. Its focus is on the proper marking for underground cable installations, requiring "suitable marking tape" or "adequate marking in a conspicuous location". The plastic marking tape must be red or yellow with black letters indicating underground installation of electrical lines. The marking tape should:

- Be laid out mid-way between the installation and grade level,
- Cover the entire width of the installation, and
- Be placed a maximum of 60 cm apart, where multiple tapes are needed to provide appropriate coverage of the installation area.

Minimum cover requirements for direct buried conductors, cables, or raceways

Wiring method	Minimum cover, mm			
	Non-vehicular areas		Vehicular areas	
	750 V or less	Over 750 V	750 V or less	Over 750 V
Conductors or cable not having a metal sheath or armour	600	750	900	1000
Conductors or cable having a metal sheath or armour	450	750	600	1000
Raceway	450	750	600	1000

Note:
Minimum cover means the distance between the top surface of the conductor, cable, or raceway and the finished grade.

Source: Table 53, Bulletin 12-2-16 (See Rule 12-2-16).

Please contact your CPPS Representative to learn more about these changes and purchase a roll of safety marking tape to ensure that your company is compliant with current ESA standards.

CPPS is happy to announce the winners of last month's Blue Jays tickets:

- Ted Nedelkopoulus - Sonic Soil Sampling
- Murray Jones - Mervin Jones Drilling
- Annie Sukunda - Atcost Drilling

Congratulations to all three winners!

We look forward to your business and partnering with you to help drive your growth in 2013.

Sincerely,

Robert Martini
Vice-President General Manager