

# Corrugated Steel Pipe, The Next 100 Years Seminar

Please send form to:

Professional Development  
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An APEGBC Professional  
Development Seminar

## Corrugated Steel Pipe, The Next 100 Years Seminar

Date: Thursday, September 15, 2011

Time: Registration and Continental Breakfast: 8:00 - 8:30 AM  
Seminar: 8:30 AM - 5:00 PM (Lunch will be provided)

### Instructors:

Mr. David J. Penny, BES – *Marketing Manager, Corrugated Steel Pipe Institute*  
Mr. Philip Carroll, P.Eng. – *Region Engineer, Armtec*  
Mr. Brian A. Hill, P.Eng. – *BC Regional Engineer, ALL Armstrong*

Credit: 7 Professional Development Hours (PDHs)

Cost: **APEGBC Members** (until September 1, 2011): \$325.00 + HST = \$364.00  
**APEGBC Members** (after September 1, 2011): \$399.00 + HST = \$446.88  
**Non-Members**: \$399.00 + HST = \$446.88  
**MAPS Members**: \$199.50 + HST = \$223.44

City: Vancouver, BC - Venue TBD

Webpage: [http://www.apeg.bc.ca/prodev/events/corrugated\\_steel\\_pipe.html](http://www.apeg.bc.ca/prodev/events/corrugated_steel_pipe.html)

Registration: To register by phone, please contact Shirley Chow by phone at 604-412-4865 (Toll-Free 1-888-430-8035 ext. 4865) or by email at [schow@apeg.bc.ca](mailto:schow@apeg.bc.ca)

### Seminar Description

This seminar will look at the history of the industry and its many innovations. It will introduce participants to the Handbook of Steel Drainage and Highway Construction Products, pertinent sections of the Canadian Highway Bridge Design Code, BCDOT Specifications, Performance Guidelines for CSP, SPCSP, and DCSP, and the CSPI website as an information resource.

### Instructors

Mr. David J. Penny, BES – *Marketing Manager, Corrugated Steel Pipe Institute (CSPI)*  
He works for all members of the industry promoting the wider and appropriate use of CSP products through seminars, University lectures, technical publications and a comprehensive and interactive website. He has published a number of papers and articles on the subject of Corrugated Steel Pipe.

Mr. Philip Carroll, P.Eng. – *Region Engineer, Armtec*  
Phil chairs the Technical Committee of the Corrugated Steel Pipe Institute and is co-author of the "Performance Guideline for Corrugated Steel Pipe" and the recently published "Canadian Performance Guideline for Structural Plate Corrugated Steel Pipe and Deep Corrugated Structural Plate Structures". Phil works with Bridge Engineers and specifiers across Canada and is an experienced lecturer and educator.

Mr. Brian A. Hill, P.Eng. – *BC Regional Engineer, ALL Armstrong*  
Brian has managed construction projects throughout Southern BC, the Lower Mainland and Vancouver Island. Some of the highlight projects include the Sea to Sky Highway, Kicking Horse Canyon, Golden Ears Bridge and the McTavish Interchange.