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## July Seminar

### SEABC Taskforce on Guardrails: Design Practice and Construction Issues

- Date:** July 27, 2011  
**Venue:** Room C300, UBC Robson Square, 800 Robson Street, Vancouver  
**Time:** Refreshments 6:00 p.m. Presentation 6:30 p.m.  
**Presenter:** Robert Jirava, P.Eng., Struct. Eng., RDJ Structural Designs Ltd.  
**Cost:** Free for SEABC Members  
Pre-registration is required: [www.seabc.ca/guardrails](http://www.seabc.ca/guardrails)

For many years guards (guardrails) have had problems to achieve code compliance. Problems have typically ranged from lack of proper design to poor construction, and lack of coordination or understanding of responsibilities between the various design and construction professionals involved. Issues frequently exist with aluminum railings, glass guards, and connection of guardrail members to the supporting base building structure.

This seminar will outline the issues identified by the SEABC Taskforce on Guardrails, and present practical and effective solutions for some of these issues. The presentation will be of interest to structural engineers as well as architects, contractors and building inspectors.

Robert Jirava has been practicing structural engineering consulting in the Lower Mainland of BC for close to 20 years. His firm, RDJ Structural Designs Ltd, provides building design services that include design of parts and portions of buildings including aluminum guard layouts. His firm has worked with several local aluminum railing manufacturers to develop design manuals for railing systems. Robert is a member of the SEABC Taskforce on Guardrails and is an instructor in the SEABC Certificate in Structural Engineering Program.

