

### September & October Dinner Meeting Recap

#### September - James Derksen

Steven Blink was ASM Edmonton's latest technical dinner presenter. Steven presented on the use of wood in building constructions. Steven talked about how his products are pushing the building codes of Canada and Alberta to new heights. The new codes allow buildings six stories high as opposed to the previous four story restriction. Steven then went on to talk about the sprinkler system that works in current wood buildings and problems that arise when that sprinkler system isn't inspected on a regular basis. He introduced a new coating that is applied in attics to prevent fires during building. This material has to withstand tests described in ASTM E84 the Standard Test Method for Surface Burning Characteristics of Building Materials. Steven says this product is preferred by many firefighters over traditional sprinkler systems. One of the last things Steven talked about was the injection product that can increase the life span of some current wood products by introducing inhibitors. This has reduced replacement of utility poles significantly. Finally, he talked about a new product being worked on to combine their main product with Tyvek to create a fire protection coating that allows moisture out of a building and prevent moisture from getting into the building. Overall the talk was interesting and well received.



Chapter vice chair James Derksen (left) and Mr. Steven Blink (right) at the ASM Edmonton November dinner meeting.

If you have any ideas for future technical speakers or topic please don't hesitate to contact us at [ASM.Edmonton@gmail.com](mailto:ASM.Edmonton@gmail.com)

### November Event

#### ASM Technical Dinner Meeting

For the next AWS Joint technical dinner meeting of the season, ASM Edmonton will be welcoming Kimberley Meszaros who will be speaking on *Connecting-the Codes© from Temper Bead Welding to the ASME B&PV Codes*.

#### Abstract

Temper Bead Welding (TBW) was adopted into the 2004 Edition of the ASME Boiler and Pressure Vessel Section IX code. It has long been recognized that welding affects a material's structure and properties; the adoption of TBW into Section IX has permitted welders to strategically exploit the effects of welding. Of particular note, is the ability to utilize TBW to create a weldment

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### Upcoming Events

#### ASM and AWS Joint Dinner Meeting

Wednesday, December 16, 2015

Location: University of Alberta Faculty Club

#### ASM Educational Seminar on Materials Selection

February 25 - 26, 2016

Location: Alberta Innovates - Technology Futures  
250 Karl Clark Road, Edmonton

with improved strength and low temperature impact properties, without the application of post weld heat treatment (PWHT). However, to reliably obtain these benefits requires development of a robust welding procedure, performance qualification and parameter controls during production welding.

Section IX- QW-290 describes the rules for TBW procedure qualification, upgrading of existing procedures to include TBW, restrictions on the use of TBW, qualification of welders and variables for TBW, among other topics. Several other ASME B&PV codes include rules for the use of temper bead welding as well. The rules for TBW in Section IX and a selection of other codes will be discussed.

### About the Speaker

Kimberley Meszaros, (P.Eng, MSc) is a professional engineer who practices materials engineering. She is a certified welding inspector. Kimberley is a BSc (Materials Engineering) and MSc (Materials Engineering- Welded Composite Coatings for Oil Sands) graduate of the University of Alberta. Kimberley has worked in the Alberta energy sector developing and troubleshooting welding procedures, consulting on various projects, and has worked in research and development for both private and government organizations. Kimberley is currently employed by the Codes and Standards Training Institute (CASTI) Inc. in Edmonton, developing training materials and instructing courses related to the codes and standards used in the welding industry.

### Dates and Times:

Date: Wednesday, December 16, 2015

Registration: 6:00 PM

Dinner: 6:30 PM

Technical Program 7:30 PM

Location: University of Alberta Faculty Club

RSVP by December 15, 2015, to:

<http://asm-edmontons-november.eventbrite.com>

### Costs:

Students: \$10

Professional Members: \$30

Non-Members: \$40

Note: Eventbrite adds a small surcharge.

### Feedback

The ASM Edmonton Executive is continually working to improve this newsletter in order to better serve our members. If you have any suggestions or comments regarding the newsletter or if you would like anything included please contact us [here](#).

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