

## IN THIS ISSUE:

ABSA Board of Directors .....	1
Export of Pressure Equipment ...	1
Disqualification of Examination Candidates for Prohibited Activity .....	2
External Training News .....	3
New Codes and Standards .....	3
ASME Announces a New, Comprehensive Product Certification Mark .....	4

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## ABSA BOARD OF DIRECTORS



Mr. Tony Robinson



Mr. Don McFarlane

In May, 2011 Tony Robinson was invited to join ABSA's Board of Directors after being selected by a 3 member nominating committee. The nominating committee consisted of a Board member, the Assistant Deputy Minister of Municipal Affairs and a member of the public. Mr. Robinson is Operations Manager, Production and Processing, Enerflex Ltd. and brings his extensive knowledge of the pressure equipment manufacturing industry in Alberta. His 3 year term begins July 1<sup>st</sup>, 2011.

We welcome Mr. Robinson to the Board. He will be joining John Ell, President, ATCO Power; Dave Rushford, Senior VP and Chief Operating Officer, Quicksilver Resources Canada Inc.; Dr. Gordon Nixon, Vice President Academic, SAIT Polytechnic; and Dale Myggland, Owner, BRIAS Inc. and Minister's Appointee.

Tony replaces Don McFarlane as the Manufacturing sector representative on the Board. Don is President and General Manager, Cessco Fabrication & Engineering Ltd. and will be completing two terms on ABSA's Board of Directors at the end of June. He served as Board Chair for three of the six years that he was on the Board. We would like to take this opportunity to thank Don for his significant contributions and valued leadership. ❖

## EXPORT OF PRESSURE EQUIPMENT

Pressure equipment manufacturers and exporters must very carefully ascertain the jurisdiction requirements in effect at the installation location before committing themselves to a contract or shipping new or used pressure equipment out of Alberta.

It is well understood that the requirements of the jurisdiction having authority at the location in which the pressure equipment will be installed and operated has precedence over the codes and standards and requirements where the equipment is manufactured.

In the 'Introduction' of the National Board Inspection Code NB-23, this is put succinctly as 'Jurisdictional Precedence' which states:

*'Reference is made throughout this Code to the requirements of the "Jurisdiction." Where any provision herein presents a direct or implied conflict with any jurisdictional regulation, the jurisdictional regulation shall govern'*

The 'Preface' of CSA B51-09 states:

*'The users of this Standard should note that it is a recommendatory document only and does not have the force of law except where it has been officially adopted by a Canadian jurisdiction. Users should also note that adoption does not necessarily mean that the Standard has been adopted unchanged. For example, a jurisdiction may decide to make an informative annex normative.'*

## DISQUALIFICATION OF EXAMINATION CANDIDATES FOR PROHIBITED ACTIVITY

Recently, a 2<sup>nd</sup> Class examination candidate was disqualified from writing power engineering examinations for 12 months because the candidate was found to be copying examination questions, and the candidate was also assigned a failure on the examination. In another case, a third Class candidate was also assigned a failure on an examination and disqualified from writing power engineering examinations for 12 months for contravening examination rules.

It is important for all examination candidates to understand that the Regulation provides for disqualification for undertaking a prohibited activity. The examination cover sheet has the following information for sign-off by the candidate.

### **Grounds for Disqualification**

#### **Prohibited activities:**

1. A candidate looks at or refers to any material not authorized by the Administrator for use in the examination;
2. Formulae or other information, not authorized by the Administrator, have been added to any reference material taken into the examination room;
3. A candidate copies from another candidate;
4. A candidate communicates with another candidate in any manner during an examination;
5. A candidate copies, removes or attempts to remove any question or part thereof from the examination paper;
6. A candidate uses any wireless communication device without the permission of the Invigilator;
7. A candidate leaves the room without permission.

**Undertaking a prohibited activity may result in examination failure and a disqualification from writing another examination for up to 12 months as provided in Section 28 of the Power Engineers Regulation.**

I have read and understand these Grounds for Disqualification: \_\_\_\_\_

(Continued from page 1)

In very similar vein, Paragraph U-1(c)(1) of ASME Section VIII Division 1 Code notes:

*'Laws or regulations issued by municipality, state, provincial, federal, or other enforcement or regulatory bodies having jurisdiction at the location of an installation establish the mandatory applicability of the Code rules, in whole or in part, within their jurisdiction.'*

One would be able to find very similar cautionary statements in practically all codes and standards. The principle of "Jurisdictional Precedence" always applies. It does not matter if the principle is acknowledged in the codes and standards, nor if the codes and standards are adopted as part of the law in the jurisdiction.

With successful communication effort on everyone's part, companies here have always had a very good understanding of the legislative requirements in Alberta. But very unfortunately, every now and then, someone would forget to check on the requirements of the local jurisdiction outside Alberta before committing to a contract or actually shipping pressure equipment outside Alberta. This may be partly because legislative requirements across Canada are very similar and in fact, Alberta requirements would satisfy most jurisdictions both in Canada and overseas.

Nevertheless, it is prudent to always check before committing yourself to providing pressure equipment in another jurisdiction. This is the case, even if you have recent experience shipping equipment to that same jurisdiction just in case there has been legislative changes there.

Just recently, we worked with two companies to resolve issues relative to jurisdiction requirements. In one case, a fabrication company incurred considerable cost merely because a documentation requirement of the destination jurisdiction was overlooked. We have, over the years, helped local companies to resolve such issues with other jurisdictions and sometimes, with minimal inconvenience to everyone concerned. However, while we will always endeavor to help in resolving such issues, at times, this may not be possible without addition cost and indeed, even additional demand of resources on our part which, again, may add cost to the parties involved.

Thus, it is a simple matter, just double check the regulatory requirements of where you are providing the pressure equipment to and you may save a lot of time, energy and money in the end. ❖

## EXTERNAL TRAINING NEWS

The Chief Inspector & Administrator, Dr. Ken Lau, Ph.D., P.Eng., will be instructing the **Pressure Vessel Design Seminar** scheduled in Calgary on September 2, 2011. This will be the last offering of this seminar for 2011 and it will not be offered again until April 23, 2012. Dr. Lau will be discussing some engineering fundamentals for pressure vessel design including design factors, allowable stress values, opening reinforcement, flanges and other pressure vessel design considerations. ASME Section VIII and other codes and standards will be used as examples when some of these topic areas are reviewed. However, this is not a seminar on design codes and standards and not a seminar on the ASME Section VIII Code.

The annual **Code Update Seminar** is scheduled for October 4 in Nisku and for October 6 in Calgary. Check our website for application details.

Our new **Design Registration Seminar** was launched last April and received very positive responses from the attendees. This first class was filled to capacity and the next one, scheduled for June, has also been fully subscribed. We are encouraging all to plan ahead using our 2011 and 2012 seminar schedule that is located at [www.absa.ca](http://www.absa.ca).

An internal pilot is scheduled for our upcoming **Repair and Alteration Seminar**. This seminar will assist all those who have an interest in repairing boilers and pressure vessels. Repair procedures and techniques and the required rules of codes and standards will be explained and demonstrated. This seminar will be available to the public in the fall of 2011.

ABSA is currently working on another seminar that has been in demand by Power Engineers and instructors who are teaching power engineering to their students. This seminar is titled "**Seminar for Power Engineers on Pressure Equipment Legislation**". A selected audience has received the objectives and learning outcomes of this seminar along with a draft agenda for comments. This seminar is planned for the fall of 2011.

Some of our clients who have many employees find it best to schedule a special "in-house" seminar where our instructors will go to their place of employment and put on one of our regular seminars or customize it to meet their needs.

We have some seminars that are only presented in-house including the following two 1 day seminars:

**"Pressure Equipment Safety Legislation for Engineering and EPC Companies"** This seminar covers the roles and responsibilities of EPC companies, ABSA and others in pressure equipment safety. References will be made to the applicable legislation along with the requirements of the adopted codes, standards and bodies of rules. Emphasis will be on design registration requirements for pressure equipment of the type the company is involved with.

**"Pressure Equipment Safety Regulation Seminar"** This seminar presents an overview of requirements for the full life cycle of pressure equipment including the following topics: About ABSA; legislation; design and design registration; construction; in-service operation and integrity assessment; repairs and alterations; and incident reporting. This seminar does not cover the scope of the codes and standards but would be highly beneficial for those who wish to have a high level understanding of pressure equipment safety requirements under Alberta legislation.

A full listing of upcoming seminars and schedules is posted on our website at [www.absa.ca](http://www.absa.ca). ❖

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## NEW CODES AND STANDARDS

### ASME Boiler and Pressure Vessel Code

The 2011 addenda to the ASME Boiler and Pressure Vessel Code will be released July 1, 2011. Instead of issuing the addenda as pages for insertion into the 2010 edition of the Code as in the past, the addenda will be incorporated into the Code and ASME will provide everyone who purchased a copy of a Section of the 2010 edition of the Code, a free copy of the same Section with the 2011 addenda incorporated.

ASME also announces that there will be no addenda service in 2012 and in all future years. A new edition of the Boiler and Pressure Vessel Code will be published in 2013 and from then on, a new edition of the Code will be published every two years.

### CSA Z662 "Oil and Gas Pipeline Systems" and Z662.1 "Commentary on CSA Z662"

A new edition of the CSA Z662 is scheduled to be published this month and it will supersede the CSA Z662-07. Similarly, a new CSA Z662.1 will be released at the same time. The Commentary provides information that can be helpful to the reader understanding and implementing Z662 requirements as well as some research materials used during the formulation of some of the requirements in the Standards.

It should, however, be noted that the CSA Z662.1 Commentary is not part of the CSA Z662 and "*does not provide formal interpretation and should be viewed as an informal annotation of the portions of the Standards, as compiled by several individuals who were involved in its development*". ❖

## ASME ANNOUNCES A NEW, COMPREHENSIVE PRODUCT CERTIFICATION MARK

**The following is a reprint of an announcement from ASME.**

ASME's product certification programs have grown dramatically. Starting with just two countries in the years prior to 1972, there are now 75 countries in which companies have been certified. ASME is proud that the value of these certification programs has been so widely acknowledged, and that ASME is playing this increasingly vital role in fostering product safety and international commerce.

The growth of these programs has presented many new opportunities, but also some challenges, especially regarding how to maintain the trademark registrations of ASME's 28 separate product certification marks across the more than 100 nations in which these marks are currently used on products. Those of you familiar with trademarks recognize the challenge in ensuring that each separate trademark remains active in each country, year after year. Failure to protect these certification marks could result in the loss of trademark status – and potentially a loss of industry confidence in the quality of products bearing the mark.

In order to streamline our multiple marking processes and more effectively manage our numerous global relationships, ASME is pleased to announce the introduction of a new single product certification mark.

Instead of 28 separate ASME product certification marks, there will now be this single comprehensive mark. In order to maintain a link to the current marks, the new mark will always be used in conjunction with a "certification designator" to indicate the applicability of the certification. The following is an example of how the new mark would be used on a nameplate:



**New ASME Product Certification Mark**

Certification mark

Certification designator

	<p><b>Certified by</b></p> <hr/> <p style="text-align: center; font-size: small;">Name of Manufacturer</p> <p><b>Pressure ___ at temperature ___</b>  <small>Max allowable working pressure</small></p> <p><b>Pressure ___ at temperature ___</b>  <small>Max allowable external working pressure          [if specified; see Note (1)]</small></p> <p><b>Temperature ___ at pressure ___</b>  <small>Min. design metal temperature</small></p> <hr/> <p style="text-align: center;"><b>Manufacturer's serial number</b></p> <hr/> <p style="text-align: center;"><b>Year built</b></p>
	<p><b>U2</b></p> <p style="font-size: x-small;">W (if arc or gas welded)          RT (if radiographed)          HT (if postweld heat treated)</p>

**Sample ASME Product Certification Nameplate**

See the timeline below for dates on permissible use and required use of the new mark.

By July 1, 2011 ..... The 2011 Addenda to the Boiler & Pressure Vessel Code is published, with the new product certification and applicable designators replacing the current "Code Symbol Stamp." New companies will continue to be issued the current stamps unless they request the new one. Any currently certified company may also request and begin to use the new stamp.

January 1, 2012: .... The 2011 Addenda to the Boiler and Pressure Vessel Code becomes mandatory. However, ASME will be granting all certified companies a one-year extension for required use of the new stamp.

January 1, 2013: .... Use of the new stamp becomes mandatory and all of the old "Code Symbol Stamps will need to be returned to ASME.

For any questions, e-mail [ca@asme.org](mailto:ca@asme.org). ❖

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