



*SAFETY CODES COUNCIL*

# Boiler Technical Council Update Oct 30 2013

## Safety Moment





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## Boiler Technical Council Update Oct 30 2013

### Synopsis:

A brief overview of meeting minutes with an explanation of topics and potential Code or Regulation changes that may affect GPAC members.

There were 8 meetings held in 2013.

In 2014 there has been a 2 day planning session in January with additional meetings in February and March.



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# Power Engineers Regulation

- Process Heater Operator certificate of comp
- Reduced supervision for hot water/glycol boilers and thermal liquid heaters and waste heat recovery boilers
- Administrator's requirements document under development by ABSA and review by working group – final draft expected this month
- Declared in force on Dec 1, 2013
- Heritage Steam Tractor certification proposal submitted by Historic Boiler Association has been reviewed and incorporated into the PER amendments
- Heating boiler supervision has been reviewed and a reduced supervision clause has been incorporated into the regulation amendment





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# ASME Code Updates

- 2013 Div 2 issuance
  - task force set up by the Council has met several times in 2013 an update letter was circulated to Sub-Council members at Oct 18 meeting
  - review on-going, a recommendation will be made to the BTC for consideration once review complete
- CSA B51 and B52 – new editions scheduled for late 2013 – changes to PSV servicing schedule incorporated in B51



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## ABSA Updates

▪ Dr K T Lau announced his retirement for Sept 2014, Mike Poehlmann will take Dr Lau's position as Chief Inspector and Interim Administrator

▪ **Incidents** - Several high profile international incidents:

- Amuay Refinery, Venezuela – Vapour Cloud Release & Explosion/ Fire
- Chevron Richmond Refinery, California – Vapour Cloud Release & Partial Combustion/Fire
- Pemex Gas Plant Explosion, Mexico – Gas Release, Fire, Blast/ Shock Wave, Flame front
- West Texas – Fertilizer Explosion, USA: massive community damage, spacing guidance

▪ **New Documents:**

- AB524 Pressure Relief Device Requirements – steam valves required to be tested with steam
- AB526 In-Service Pressure Equipment Inspector Certification Requirements – Note: a new syllabus and examination has been issued taking more relevant AB series of documents into account (ie: AB506, 512, 513, etc.)
- AB527 Guidelines for Competency Assessment for Inspectors
- AB513 Alberta Repair and Alteration Requirements – competency assessment for Inspectors Certifying repairs
- Policy change regarding inspection, reporting and fee changes to previous NSAF vessels



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# ABSA Updates

## ■ Power Engineers:

- Continually faced with how to ensure integrity of the exam system
- Websites containing exam questions have been shut down
- Impersonation of Power Engineers continues to be an issue and the Administrator may publish further information again to heighten awareness



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## OPPSD (Over Pressure Protection by System Design)

- AB525 was issued this year. This should be circulated through your design departments for incorporation into design standards if OPPSD is included in your designs. There are requirements for Owners to analyze existing designs for cases where OPPSD is incorporated and apply for authorization separate to initial design registration process





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## **“B” Pressure Welders Testing Program**

- Industry and Apprenticeship groups looking to revise the requirements around tack welding to allow apprentices to perform actual pressure welding on production
- “B” Pressure welders initial test to include MTAW for root





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## Communication

- How would this group like me to communicate go-forward
  - Is once/year enough?
  - Current meeting minutes on SCC website, is this sufficient? Through Connie or distribution list?
  - Any new issues this group would like to bring forward to BTC?
  - Forum/process for bringing these to my attention for consideration of BTC?  
Feedback to group, email, attend your meetings, annual conference, etc.?



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## Important Links

ABSA: [www.absa.ca](http://www.absa.ca)

Safety Codes Council:

<http://www.safetycodes.ab.ca/Pages/Home.aspx>

American Petroleum Institute:

<http://www.api.org/>

National Board:

<http://www.nationalboard.org/>

Center for Chemical Process Safety:

<http://www.aiche.org/ccps>