

*The Canadian Boiler & Machinery Underwriters Association
(CBMUA)*

Our reference no. Q3 – 2009 Engineering Committee Meeting

Date September 01, 2009

Attendees Paul Sterescu, BI&I
Al Zack, FM Global
Stewart Smith, Zurich Insurance

Absentees Bob Davis, AIG
Carlton D'Souza, Lombard
Jacques O'Brien, Chubb Insurance
Don Keefe, Temple Insurance

Minutes of Meeting

1. Notice of Meeting

Called to order at 9:30 AM

2. Review of May 26, 2009 meeting minutes

Approved by Paul Sterescu, seconded by Al Zack.

3. Existing Business

A review of the July 29, 2009 TSSA annual meeting was provided by Paul Sterescu.

The Sunrise Propane Special Committee report remains in the hands of The Fire Marshall's office.

The CSA B-51 Committee did not meet with the Canadian Propane Association (CPA) as was intended. They are waiting for the results from a study commissioned within the USA on their propane industry this year.

There is no data within B-51 on safety valves. The guidance given on safety valves within Annex H will be referenced within the main body of B-51 as a first step.

The CSA B-51 Sub-Committee now has more members as of the August 2009 meeting held in Kelowna, BC.

Another paragraph is proposed by the Sub-Committee to be added into B-51 for “in service” inspection requirements.

The CSA B-51 Sub-Committee still needs to respond to the CBMUA Engineering and Executive Committees in response to our letter sent to the B-51 Sub-Committee and CPA regarding our unanimous position on changing Annex H language from Informative to Normative:

Letter-> The Canadian Boiler and Machinery Underwriters' Association
L'Association Canadienne des Assureurs Bris des Machines

March 27, 2008

Mr. Jeet Tulshi, MBA, PMP
Project Manager
Public Safety Program
Canadian Standards Association
5060 Spectrum Way,
Mississauga, ON L4W 5N6

Dear Mr Tulshi:

Re: CSA B51 Annex H – Overpressure Protection Devices

We understand that our proposal to change Annex H – Overpressure Protection Devices from informative to normative was rejected by the Technical Committee of B51 in August 2007. The proposal was initiated by Mr. Paul Sterescu on behalf of the Canadian Boiler and Machinery Underwriters Association in 2005.

We are writing this letter to express our desire that the CSA B51 Technical Committee revisit this matter once more. We are concerned that safety relief devices, which are such an important element in the safe operation of boilers and pressure vessels, do not require mandatory testing by the CSA Standard B51.

As an organization, we represent the majority of the insurance companies in Canada that underwrite Boiler and Machinery insurance. Our members conduct safety inspections in Canadian jurisdictions and are mandated to issue Certificates of Inspection in some provinces such as Ontario and Québec. We feel that making Annex H mandatory will result in increased safety and greater loss prevention from the periodic testing of safety relief devices.

Yours truly,

Jean-Guy Turmel
Chairman – The Canadian Boiler and Machinery Underwriters' Association

cc: Cathy Turylo
Chair, CSA B51 Technical Committee
Manager Engineering Boilers and Pressure Vessels
Technical Standards & Safety Authority
14th Floor, Centre Tower
3300 Bloor Street West
Toronto, ON M8X 2X4

The TSSA BPVS has requested the acceptance of all Authorized Inspection Agencies using one standard Hazard Classification to be used on all Risk Assessment reports for boilers and pressure vessels.

4. *New Business*

1) Concern:

ON Reg. 219 s 39: Failsafe Devices required in Guarded Plant service.

Requires 4 failsafe devices being;

- A low water limiting device
- A high steam pressure or high water temperature limiting device
- A high water limiting device
- A pre-purge and flame failure device

Failsafe Device is defined as : “fail safe device” means a control or device that will stop the function of a unit where the preset operating parameters of the unit have been exceeded, sound an alarm and prevent restarting of the unit until the unit is reset by hand;

Finding: Most low water volume boilers we have found in service today do not have the failsafe devices properly wired in accordance with the written Act.

Upon numerous queries to the Chief Operating Engineer, John Coulter and his technical Staff we were advised that it is acceptable for the pre-purge and flame failure device to be installed so that upon returning the water level to normal the boiler will automatically restart. This information was passed on to our office verbally as it was agreed by industry special interest groups and the Operating Engineers office behind closed doors.

They recognize that they must change some of the written language within the Operating Engineers Act which is to be addressed at the next re-write.

