

Position Paper

New CSA Standard on Emergency Preparedness and Response for Petroleum and Natural Gas Industry Systems.

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CSA Group is a not-for-profit membership-based association serving business, industry, government and consumers in Canada, and the global marketplace. CSA develops standards designed to enhance public safety and health, advance the quality of life, help to preserve the environment, and facilitate trade. Standards are developed through a process accredited by the Standards Council of Canada that brings together volunteers representing varied viewpoints and interests to achieve consensus. CSA standards are voluntary documents; only when a standard has been referenced by federal, local, state, provincial or municipal government, or by a regulatory authority, is compliance with the standard mandatory.

The following outlines the steps involved in developing a new CSA Standard on Emergency Preparedness and Response for Petroleum and Natural Gas Industry Systems:

- In the mid 2000’s a decision was made by CSA Group’s Strategic Steering Committee (SSC), for Petroleum and Natural Gas Industry Systems to develop standards for Security and Emergency Management. CSA Group was chosen as the vehicle for standard development as they have the methods for national standard development and the support systems in place to develop the standard review and publishing process.
- A request for funding to develop the standards was secured and, a Technical Committee was formed of users, government and interested parties.
- The Technical Committee determined that the Security Management standard was the priority and as a result CSA Z246.1 was developed and published in 2009. It is now in sustainment mode and an updated version is scheduled for publication early 2013.
- The Technical Committee was given direction from the SSC to undertake the development of the Emergency Management standard, and a number of organizational meetings were held. Again a request for funding was released and support was found for development of an Emergency Management standard.
- An initial meeting was held May 2009 to determine if there was interest in developing a sector specific Emergency Management standard through CSA.
- A number of options were investigated to determine the next steps forward. A decision was made to develop an industry specific standard for the Oil and Gas sector.
- A Technical Subcommittee (TSC), made up of industry, government and interested parties was organized and an initial meeting was held in April 2012.

- The TSC has met twice since then and is working on an operational draft of the proposed standard; further meetings are scheduled (the next meeting scheduled for April 9&10, 2013 in Kelowna).
- The TSC has determined that the standard will be focused on preparedness and response. Prevention and Mitigation/Recovery methods are included in other advisory documents.
- CSA guidelines do not require a balanced matrix for TSC's, the TSC though has made a decision to keep the committee balanced.
- The committee is made up of upstream, midstream and downstream users, and includes oil and gas operators.
- Government representation is from both the provincial (2), and federal (2) levels.
- A number of general interest groups are also involved in the committee.
- Following the CSA model, the standard will be a consensus based standard.
- It will be an all hazard approach providing guidance on protection of people, the environment and property during preparedness and response.
- We have used a number of sources for seed documents to develop the draft standard
 - o CSA Z 731-03
 - o CSAZ 246.1-09
 - o CSAZ 1600-08
 - o ERCB Directive 71
 - o BC OGC Regulations
 - o NEB April 2002 all company letter
 - o NFPA 1600
 - o Numerous ISO Standards and other International Standards
- Draft #2 is being worked on by 5 different working groups.
- The TSC has determined that there is a need for explanatory notes and all working groups are identifying the clauses in their area for development of further information to allow the operator to fully understand and develop the required plans.
- We are currently readjusting time lines for the standard development to ensure adequate time has been taken to develop a complete standard that will be effective for all users.
- Once we have a consensus based draft, the standard will be posted for public review to allow all interested groups to provide comments.
- Once the public consultation is complete, the TSC will review and consider all submitted comments for changes to the draft.
- The TSC will then vote on all changes, looking for consensus and further comments.
- Appropriate updating to include all public and committee comments will be done and submitted to the Technical Committee for CSA Z246.1 for final approval
- The completed standard will then be submitted to CSA's editorial and quality departments for review.
- Once completed the standard will be published and will be translated into a French version for publication.