Safety in Oil and Gas: Health, Safety and Risk Management
4 - 5 October 2011, Quality Hotel, New Plymouth

Discuss and develop strategies to enhance health and safety performance

50% off second delegate/s

Full-day workshop: 3rd October 2011
Practical Process Safety – Develop safer workplaces through process safety measures
Facilitated by Howard Thomas, Process Improvement Manager, Clough AMEC Beca

Featuring presentations from leading industry figures:
• Damian Phillis, Principal Safety and Risk Engineer, Transfield Worley NZ
• Ashley Pritchard, Lead Process Engineer, ITL Engineering
• Carolyn McAree, Occupational Health Advisor, Shell Todd Oil Services
• And international speakers
• Howard Thomas, Performance Improvement Manager, Clough AMEC Beca
• Brian Mulcahy, Managing Director, HIMA

Discuss key ideas and latest strategies in health, safety and risk
• Risk assessment
• Linking process to safety
• Health and Safety leadership
• Emergency response planning
• Driving H & S through monitoring, metrics and indicators

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NZ’s leading business conference experience
Safety in Oil and Gas: Health, Safety and Risk Management

DAY 1: 4 October

8.30 Registration and coffee

9.00 Opening remarks from the Chair
John Pfahlert, Executive Officer, Petroleum Exploration and Production Association of New Zealand

9.10 The current status of health and safety in oil and gas
Health and safety issues are important for oil and gas operations – not only due to the inherent safety risk but also due to the sheer isolation involved in most oil and gas operations. With the sector currently undergoing a rapid expansion it is of critical importance to gauge where the sector currently stands in regards to health and safety and what potential issues or risks the sector will face in the coming years.
Professor Barry Barton, Professor of Law, University of Waikato

10.00 Emergency response planning
A key component of emergency preparedness and response is the development of an emergency response plan (ERP), which will help ensure quick access to critical information needed to quickly respond to an emergency. An ERP will address worst-case emergency scenarios, potential hazards to the public, and the systems required for quick response. This session will outline how Port Taranaki developed their ERP and how they maintain it to ensure it remains up to date and relevant.
• What are the key characteristics of a strong ERP?
• Facility evaluation procedures
Representative from Port Taranaki

10.50 Morning tea

11.10 Linking health and safety records and plans to permit applications
One of the primary recommendations to come out of the recent review of health and safety in offshore drilling operations was that Crown Minerals be legally empowered to require and consider health and safety information at the resource allocation stage. This session will consider some of the practical issues that may be involved with the process and will look at whether this requirement will result in safer work conditions.
• Integrating safety in the entire operation – instead of having ‘add on’ or supplementary safety programmes
Howard Thomas, Performance Improvement Manager, Clough AMEC Beca

12.00 Case Study: The impact of asset integrity on health and safety
Maintaining asset integrity can be a challenge due to the remote and often inhospitable conditions oil and gas facilities tend operate in. This case study will look at how Transfield Worley manages the integrity of its assets to maintain a safe work environment for its employees.
• Balancing the different requirements of production, integrity, and health and safety
Damian Phillis, Principal Safety and Risk Engineer, Transfield Worley NZ

12.50 Lunch

Case Study: Developing risk assessment strategies to improve process safety in oil and gas
Risk is an unavoidable facet of the oil and gas sector – one that has to be carefully managed to ensure the long term viability of individual projects and the sector as a whole. A key element for PSM systems is the process hazard analysis (or risk assessment), as process risks can be effectively managed only if they have been previously identified and evaluated. This case study will look at how risk assessment can be integrated into a companies PSM systems and how this helps to ensure the effective management of risks associated with facilities and operations involving hazardous materials.
Paul Feltoe, Director, Safety Solutions

Linking process and safety in the oil and gas sector
Some accidents can be traced to a lack of competence or sheer negligence, but many more are likely due to root cause deficiencies in process safety, such as the failure to follow change management procedures or lack of proper design criteria. Process safety encompasses design, engineering, equipment maintenance, effective alarms, accurate control points, correct standard operating procedures, and training. This session will investigate the links between process design and safety in oil and gas, and at how well designed processes will help ensure a safer workplace.
• Managing the implementation of process safety issues on a multi-site facility
Ashley Pritchard, Lead Process Engineer, ITL Engineering

Afternoon tea

Health and safety in the oil and gas industry: a competency based approach
Extensive consultation with industry has resulted in the development of a new electrical apparatus in explosive atmospheres qualification and competencies. This talk will explain how best practice and industry benchmarks impact health and safety by building employer confidence in employee competence – through cross-industry standards. The goal is to achieve actual competence over “been doing it like this for 30 years.”
Tracey Cooke, Qualifications Advisor, ETITO

Leadership in health and safety: Creating the conditions to drive change in your organisation
Demonstrated management commitment and involvement are vital for successful health and safety performance. A manager’s role shouldn’t be restricted to monitoring rule and regulation compliance. Managers must act as leaders and facilitators; they must encourage suggestions, motivate staff and engage with staff to help identify and solve workplace health and safety issues.
• Transforming business leaders into safety leaders
• Health and safety leadership in geographically and culturally diverse organisations
Brian Mulcahy, Managing Director, HIMA

End of day one & networking drinks
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<th>Time</th>
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<td>9.00</td>
<td>Welcome back from the Chair</td>
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| 9.05  | **Oil spill response – an update on the Gulf of Mexico oil spill and what we can learn from this tragedy**  
The recent Gulf of Mexico oil spill bought to light the dangers that petroleum extraction can pose to both the environment and the workers on oil platforms. While it was a terrible tragedy the Gulf of Mexico oil spill can provide us with some valuable lessons. Here we look at what New Zealand’s oil and gas sector can learn from it.  
• Does New Zealand have enough locally based resources to effectively fight oil spills or other major incidents?  
**Bruce Anderson, General Manager, Monitoring and Response, Maritime New Zealand** |
| 9.50  | **Why does the current skills shortage in oil and gas matter in the context of health and safety?**  
Department of Labour reports have indicated the oil and gas sector is currently suffering from a shortage of skilled workers; caused by an ageing workforce, fewer students studying relevant degrees at tertiary level and a general expansion in the sector. This shortage of skilled workers not only limits possible expansion opportunities in the sector, but also has negative effect on health and safety in the sector. This session will look at what steps are currently underway to address this skills shortage.  
**Representative from EXITO** |
| 10.30 | Morning tea                                                             |
| 10.50 | **Mini-workshop: Applying human factors principles to oil and gas health and safety**  
Human Factors is the term used to describe the interaction of individuals with each other, with facilities and equipment, and with management systems. Human factors analysis focuses on how these interactions contribute towards the creation of a safe workplace. This mini-workshop will investigate human factors in health and safety and how your organisation can use them to develop safer work environments for your staff.  
• How are improvements made – establishing where you are, where you want to be, and how to get there  
• Become a learning organisation and learn from past incidents and near misses  
**Hillary Bennett, Director, Resiliency Centre** |
| 11.30 | Lunch                                                                   |
| 12.15 | **Fitness to Work and Wellbeing**                                       
As health becomes increasing embedded in the community and as employees take an individual and collective look at their own health and wellbeing more seriously. Are you as a business taking the measures to ensure you send the same messages as the community which you work.  
Do you have a wellbeing program that supports the community and is evidence based? I would like to share with you the strategy of which we have adopted where we proactively manage the health of our employees, by taking an holistic approach.  
**Carolyn McAree, Occupational Health Advisor, Shell Todd Oil Services** |
| 2.45  | **Case Study: Driving health and safety improvement through monitoring, metrics and indicators**  
Measurement is a key step in any management process and forms the basis for continual improvement. If measurement is not carried out correctly or adequately, the effectiveness of the health and safety system will be undermined and there will be no reliable information to inform managers how well they are working and where improvements could be made.  
• Best practices and industry benchmarks your organisation should be working towards  
**Allan Watson, HSE Manager, Fitzroy Engineering Group** |
| 4.15  | Closing remarks from the Chair and end of conference                    |
| 4.15  | **Practical Process Safety - Develop safer workplaces through process safety measures**  
This is not another discussion about the Baker report, the Cullen report, the Montara investigation or the Macondo (Deepwater Horizon) investigation. The conclusions are always the same; we fail to manage process safety proactively. Talking more about leading and lagging indicators won’t tell you anything you don’t already know, so if we know the answers why do major incidents continue to occur?  
The answer is simple; you can’t be proactive if your culture is reactive.  
This workshop will introduce a simple model for tracking process safety and integrity.  
The magical benefit of this method is that the communication is in a language that the operators can understand and just as importantly they can do something about each of the issues themselves, heading off reactive behaviour at the sharp end.  
This simple model will not only revolutionise Process Safety and integrity in your organisation it also forms an excellent tool to evaluate the real status of an operation without requiring in depth knowledge of the industry.  
If we all want to work together towards a safer, less confrontational future for our industry and you want to be part of progress towards that goal then this workshop is for you.  
**Facilitated by: Howard Thomas, Performance Improvement Manager, Clough AMEC Beca** |

### 1st Delegate
- **Mr/Ms/Mrs/Miss/Dr**
- **First Name**
- **Last Name**
- **Position**
- **Email**
- **Phone**
- **Mobile**

### 2nd Delegate
- **Mr/Ms/Mrs/Miss/Dr**
- **First Name**
- **Last Name**
- **Position**
- **Email**
- **Phone**
- **Mobile**

### 3rd Delegate
- **Mr/Ms/Mrs/Miss/Dr**
- **First Name**
- **Last Name**
- **Position**
- **Email**
- **Phone**
- **Mobile**

### Company Name

### Postal Address

### City

### Approving Manager

### Approving Manager Job Title

### Approving Manager Email

### Name of Booking Contact

### Booking Contact Position

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### How to register

- Please Note: Conferenz Ltd reserves the right to make any amendments that we may deem to be in the best interest of the conference.

### Course Proceedings

Delegates will receive course documentation electronically. For those unable to attend this course proceedings are available for purchase.

- I wish to purchase the course proceedings for $495 + GST

### What happens if I have to cancel?

You have several options:
- Send a substitute delegate in your place
- Confirm your cancellation in writing (letter, fax or email) at least ten working days prior to the event and receive a refund less a $300+GST service charge per registrant. Regrettably, no refunds can be made for cancellations received after this date.

### Delegafes

- Early-Bird Register & Pay before 23 August 2011
- Full Price Register & Pay after 23 August 2011

### Savings & Discounts

- **2nd delegate half price** applies to this conference only. Register two people from your organisation at the same time, and the second and subsequent delegates receive 50% off.
- **Early-Bird** Register and pay before 23 August 2011 and **SAVE up to $300**

### Contact Information

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