

# PROCESS SAFETY MANAGEMENT

16 - 19 Mar 2015 / Jakarta, Indonesia

This 4-day course will define the four focus areas that make up the PSM Framework, namely – Process Safety Leadership, Risk Identification and Assessment, Risk Management, Review and Improvement. Within each focus area are a number of components which set out the key aspects of the operations that organisations need to get right and what they need to do in order to assure the integrity of the operation.



## WHO SHOULD ATTEND?

The course is designed specifically for those with responsibilities in the Process Industry. Those who have the responsibility for ensuring process safety as part of their day to day duties, the following are examples of those who will benefit from attending this course:

- Operations Managers;
- Supervisors;
- Engineers
- Team Leaders
- Employee representatives;
- Health and Safety Managers/Advisers.

## INSTRUCTOR :

**DR. STEPHEN BATER** is a one of those rare people who are not only at the cutting edge of knowledge on leadership, leadership profiling and organisational transformation but he has spent many years in leadership positions in both the public, private and energy sector. Stephen has worked with private and public sector organisations of all sizes including, multi-nationals and governments in the UK, Brazil, India, Saudi Arabia, United Arab Emirates, Norway, Europe, Singapore, USA. Working to unlock and harness the potential within the organisation to increase efficiency, profitability and effectiveness. Stephen has a Doctorate in leadership, specialising in the transformational leadership paradigm, assessment of associated behaviours and the development of leaders and leadership. He is a Chartered Engineer, Chartered Environmentalist, Chartered Member of The Institution of Occupational Safety and Health, a Fellow of the Energy Institute and Institute of Leadership and Management. He has been described as the Leadership Doctor and is a charismatic and effective business speaker and educator. He has a significant experience in developing and implementing leadership within varying cultural environments. Stephen is also a university lecturer, consultant and educator whose services are in demand across the globe. He has led management of change projects supporting all levels of the organisation to instil a focus on excellence, profit and continuous improvement. This has included developing strategic plans, management systems and training programs for organisations. Stephen has a great deal of experience in designing and presenting improvement and change strategies in line with industry best practice to ensure a sustainable business.

## ABOUT EVENT

There are four 'focus areas' defining the key high level components of the PSM framework. Within each of the focus areas are a number of 'elements', 20 in total, which set out the key aspects of the operation that organisations need to get right. Each of these elements contains a number of 'expectations' which set out a more detailed definition of what they need to do in order to assure the integrity of the operation.

### Focus Areas

- Process safety leadership
- Risk identification & assessment
- Risk management
- Review & improvement

### Elements in each focus area

Within each focus area are a number of 'elements' 20 in total, which set out the key aspects of the operations that organisations need to get right. Each of these elements contains a number of 'expectations' which set out a more detailed definition of what they need to do in order to assure the integrity of the operation.

### Process safety leadership

1. Leadership commitment & responsibility
2. Identification & compliance with legislation & industry standards
3. Employee selection, placement, competency & health assurance
4. Workforce involvement
5. Communication with stakeholders

### Risk identification & assessment

6. Hazard identification & risk assessment
7. Documentation, records & knowledge management

### Risk management

8. Operating manuals & procedures
9. Process & operational status monitoring & handover
10. Management of operational interfaces
11. Standards & practices
12. Management of change & project management
13. Operational readiness & process start-up
14. Emergency preparedness
15. Inspection & maintenance
16. Management of safety critical devices
17. Work control, permit-to-work & test risk management
18. Contractor & supplier, selection & management

### Review & improvement

19. Incident reporting & investigation
20. Audit, assurance, management review & intervention



## FOR ENQUIRIES

GAMAR CARLESATER

EMAIL: [gamar@cmtsp.com.sg](mailto:gamar@cmtsp.com.sg)

TEL: +65 9186 7757 | FAX: +6563455928

[www.cmtevents.com](http://www.cmtevents.com)

I would like to register as a

- Delegate  Sponsor

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Email \_\_\_\_\_

Address \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_

# PROCESS SAFETY MANAGEMENT

16 - 19 Mar 2015 / Jakarta, Indonesia

## COURSE AGENDA

### DAY 1

#### Leadership Explored Participants

- Process safety Management
- Lessons from the past
- Process Safety Management KPIs

### Day 2

#### Leadership Explored Participants

- Outline the tools, standards, measurement, competency requirements and controls applicable to Process Safety Management (PSM) in the oil and gas industries.
- Principles of assessing and managing contractors, including the roles of parties involved.
- Permit-to-work system.
- Safe shift handover.
- Safe plant operation and maintenance of hydrocarbon containing equipment and processes.
- Hazards, risks and controls to ensure safe start up and shut down of hydrocarbon containing equipment and processes.
- Management of Change

### DAY 3

- Types of failure modes that may lead to loss of containment.
- Types of failures that may lead to loss of containment
- The controls available to maintain safety critical equipment.
- The hazards, risks and controls available for safe containment of hydrocarbons offshore and onshore.
- The fire hazards, risks and controls relating to hydrocarbons.
- The hazards, risks and controls available for operating boilers and furnaces

### DAY 4

#### Fire Protection, Emergency Preparedness and Response

- Appropriate control measures to minimise the effects of fire and explosion in the oil and gas industries.
- The principles, procedures and resources for effective emergency response.
- Standard Operating Procedures
- Bringing it all together PSM Management systems

FEE	1 PAX	3 PAX OR MORE
Per Person	USD 3395.00	USD 3095.00
<b>Early bird discount Pay Online with Credit Card by 28<sup>th</sup> February to SAVE USD 400.00 per person</b>		



FOR ENQUIRIES  
GAMAR CARLESATER  
EMAIL: [gamar@cmtsp.com.sg](mailto:gamar@cmtsp.com.sg) | TEL: +65 9186 7757 | FAX: +6563455928  
[www.cmtevents.com](http://www.cmtevents.com)

