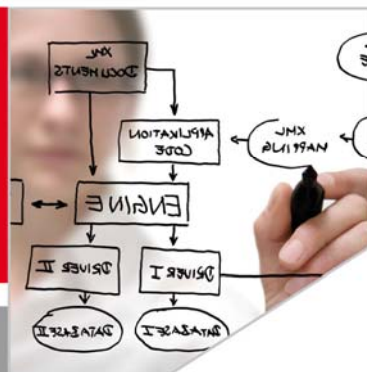


How Can the Application of Both “Safety and Lean Principles” Deliver Operational Excellence in the Offshore Oil and Gas Environment

**Gavin Rainbow, Principal Consultant
Competency Based Solutions**

WA Oil and Gas Facilities Group a co-venture between Engineers Australia and the Society of Petroleum Engineers (SPE)



EVENT DETAILS

Date:

Tuesday, 5 April 2011

Time:

5.30 pm for a 6.00 pm start

Venue:

Auditorium
Engineers Australia
712 Murray Street
West Perth

Cost:

Free

RSVP:

Not required

SUMMARY

This discussion examines the inter-relationship of 'safety principles' AND 'lean principles' that have been implemented within the offshore drilling environment to drive and deliver Operational Excellence or, more specifically:

1. Safety
2. Cost
3. Production
4. Reliability and
5. Reputation

Resulting specific measurable deliverables:

- a) Measuring and mitigating production losses by \$350K per month initially to \$1.2M savings per installation
- b) Sustained 7% productivity improvement increased to 25% productivity within initial 6 weeks and 75% improvement in a number of offshore drilling operations over a period of 12 months.
- c) Increased revenues of \$700K and \$1M per month, per offshore installation and in excess of \$3M over 12 month period.
- d) Enhanced reputation by regulator and industry through sustained operational system excellence, integrity of management operating systems and equipment.

Other outcomes:

- i. Operational safety performance shows TRIFR of 1.82 compares favorably with 7.29 all other contractors.
- ii. Structured improvements, nine complete HSE inspections carried out by the regulator throughout the year without an incident of non-compliance being noted.
- iii. Delivered No lost time accidents reported, all records up to date, accurate and accessible.
- iv. Established technical limit for ultra-deepwater drilling depth versus time.
- v. Optimized reputation delivering 10 year contract (5-year contract and 5-year option) with operational day-rate at under \$700K per day.

ABOUT THE SPEAKER

Gavin Rainbow, Principal Consultant, Competency Based Solutions

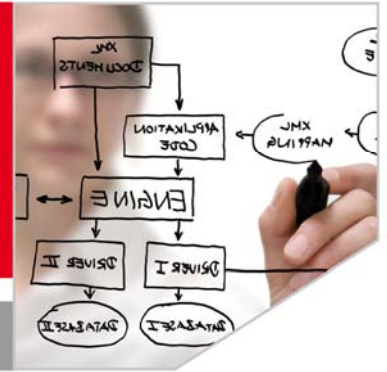
Gavin Rainbow is the Principal Consultant of Competency Based Solutions and has been involved in organisational development consulting in Australia and internationally for over 15 years, working in the mining, energy and construction industries.

Continued/...

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ABOUT THE SPEAKER continued/...

He specialises in organisational change and development with a primary focus on the design and facilitation of strategic and business planning, management, leadership and team development, organisational needs analysis and the management of change.

Gavin has specialised in safety performance improvement through facilitative processes in organisations including leadership development, HSE strategic and business planning, team development, key performance indicators and performance management. Gavin has displayed his key strength to be the ability to bring to his clients his complementary business and people development skills, in order to achieve positive results.

Gavin complements his skills in strategic planning with the ability to coach and assist managers in translating their plans into reality at the business level. He also provides critical support with change management, project management training and development solutions for people problems. His experience in performance management means he can help organisations develop and implement new systems and train managers in their use.

His work in the mining industry has included the development of satellite iron ore bodies, rail and port facilities, salt production, iron ore smelting and working underground in the mining of gold.

His work in the energy industry has included international assignments on a rotational basis located in regions such as West Africa, South America, Middle East, Europe, Canada and Asia.