

International Conference on Oil, Gas and Petrochemistry

April 3-5, 2017 Dubai, UAE

PPP – Three P's progress towards operational excellence

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Firstly, Operational Excellence is not the target but it is the arrows that draw the target nearer, the weapons to reach safer and more efficient oil and gas installations, drilling units in this case.

With a very difficult market outlook, currently, efficiency is more crucial than ever and anything that enhances safety is surely a godsend for this industry- PPP could well be the answer.

PPP is People, Processes and Plant, the three main criteria required for any drilling or oil and gas installation to operate and hence any of these or a mix of any of them, can create downtime or safety critical issues.

For many years, the installations whether on land as process plants or offshore, have been continually inspected, people checked for competence, equipment checked for faults and systems audited, all individually inspected, but never has there been an assessment tool that can link all three and thus create solutions that are longer lasting than quick fixes with repeated breakdowns of the same equipment, processes and often created by the same people.

The PPP assessment is carried out by a team containing technical inspectors and led by consultant(s), dependent on the size of the installation and the results are delivered in spider-graph format, visually pleasing on the eye and very easy to understand. After the assessment, time is taken to create an objective view with a team question and answer session, whereby every individual score is vetted by the team; objectivity is the key.

The results are measurable and provide answers visually, allowing progress against any solutions offered to be measured very quickly and updated where required. If you can measure the solution provider, value is created immediately and progress is guaranteed.

Oil and Gas installations whether it be a rig, platform or process plant have advanced technically very quickly and will continue to do so which in itself brings issues such as;

1. People - new crew, new to company, new to installation type, new to equipment type
2. Processes - more demanding management processes and regulatory requirements
3. Plant – Drilling equipment, Engines and Generations units, cyber systems, software systems are all systems that can create downtime if misunderstood, miss-used etc.

The results are quantifiable which means savings are inevitable and can become the norm and not something to dream about.

Biography:

Peter Hone has over 25 years' industry experience both operational and managerial and is currently Technical Business Development Manager for ModuCheck AP Pte Ltd, in Singapore. Peter came through the oilfield ranks with Maersk starting as a rig electrician and moving to Electrical Superintendent before moving to ModuSpec as a senior surveyor and latterly into the LR Technical team and onto Technical Business Development Manager with Lloyd's Register-Drilling in Singapore. Peter is currently working on his MBA and has Diplomas in Electrical Engineering and a BA Hons in Business Management.