

4th ICEPIM & OMIC GAS 2018

ASKO
OIL N GAS
Process Simulators



About ASKO Oil N Gas



Our Inception:-

Our Experience made us realised that a vast gap exist between the needs of customer and OTS products provided to them.

As simulator supplying companies majorly coming from software background don't understand the process. And the simplifications required to execute a process training. Making simulator rigid and less productive for training.

Also many a times customers are not fully aware of flexibility of simulation. And practical benefits that can be derived from the simulation tool (OTS). The implementation of theoretical benefits to actual fails.

So the customers needed someone to fill this gap. And our solutions to this gap led to the inception of ASKO Oil & Gas.

Our Passion

Deliver a training oriented flexible simulator (Custom, Generic or Hybrid Simulators).

Convert the training simulator in to a learning simulator.

Understand OTS

Common Issue:

We been running LNG process for years so why need simulators now ?

We believe in hands on training ?

WHY OTS Training ?



WHAT We Train For ?

- ACCIDENTS
Prevention



- Efficient &
Effective plant
operation



Training Challenge ?

- The 3's



- Tool to experiment
Portability

- Location

1. Standardisation &
2. Synchronisation
3. Arranging

- To learn and get more time to learn from Legend Operator...

- How to Evaluate ?

What LNG Simulators must have

- ✓ Don't but only simulator buy a simulator package.
- ✓ Window based solution. Runs on simple pc. Can be accessed by anyone in refinery network.
- ✓ Multi-sensory approach for training. In built 3d tutorials.
- ✓ Inbuilt training evaluation tool.
- ✓ Blends with existing training programmes.
- ✓ Proven tool.
- ✓ Its one time cost, no maintenance nor any operating charges.
- ✓ The Simulator can be converted from a “ Training Tool to a Learning” tool.



Thank you

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Even Legends Practice....

The Legend

What does your control room legends have....



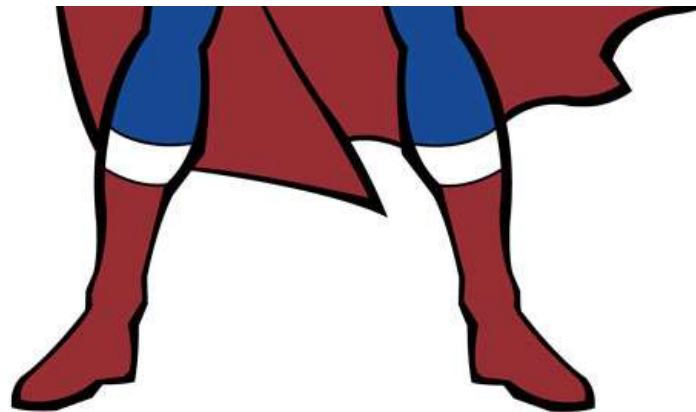
We believe that

afe

Who sets the



Plant experts are the Super Heroes



Jess Perna





The 3 Perceptions...



Old employee



I know BOSS, make me
An expert.....

New skilled Joinee



I know mine teach me
your style.....

The Grads



Everything is new
Teach me.....



To ensure the field operators upgraded to DCS operators are thoroughly trained to handle the responsibility ?

But the question remains....

Where do they practise the plant controls ?

How to ensure unbiased training to all the operators ?

How to evaluate the various operators competency ?

How to train the fresh graduates and new bees joining the company ?

But the question remains...

How to ensure they are getting enough attention during training ?

How to evaluate how much have they perceived the knowledge given ?

How to ensure they get real plant problems training without endangering the operations ?

Ways to achieve effective and efficient plant operations

- Make operators knowledgeable
- Train operators to handle various situations
- The knowledge and experience of senior gets transferred to ones lacking it.
- Operators have a training tool where they can get their fear out.



Increase Presence of mind, Preparedness, Senses build up

