

# Central Control Room Operations Simulator



## 'PEARL'

Reflecting the behaviour of a real plant, this process model consists of the main process areas typically found on an oil & gas plant. From starting up the plant, bringing it to full production and then shutting it down again, all operations are able to be performed in a controlled way using 'Pearl'.

### PROCESS AREAS COVERED

- wellhead operation
- gas/oil separation
- gas compression
- DCS operation
- operating procedures
- troubleshooting
- handling of abnormal conditions
- oil export systems
- communication
- ESD systems
- Fire & Gas Systems
- Emergency Response Assistance
- Aptitude Assessment



### SUITABLE CANDIDATES

- operations personnel  
with no control room experience
- maintenance personnel  
with no control room experience
- existing control room operators
- OIM's
- chief engineers

### LEVELS OF TRAINING

- Introduction
- Fundamentals
- Advanced



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To complement Pearl, ESD has a full suite of stand-alone simulation models which can be incorporated into the training. Glycol dehydration? Acid gas removal? Multi-stage reciprocating compressors? Depending on the process(es), a variety of models can be used which then have the effect of customising the training to suit individual needs.

### WHERE IS PEARL?

Wherever you want her to be - that's the beauty of the ESD platform simulator. In keeping with all other ESD training, Pearl has been designed to be portable and to go wherever needed, along with the ESD simulator trainer of course! Whether you have 5 or 50 people to train, are based in the Gulf of Mexico or Western Australia, it is all possible on site with no disruption or interruption to your everyday operational activities.

To discuss operations training, please contact one of ESD's worldwide offices:-



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