

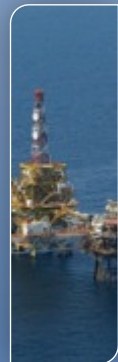


PETROLEUM TRAINING INSTITUTE

*MEETING TODAY'S TRAINING NEEDS WITH
TOMORROW'S TECHNOLOGIES*

*SPECIALISED TRAINING FOR THE NEXT GENERATION OF OIL & GAS WORKERS
UPSTREAM, MIDSTREAM & DOWNSTREAM OPERATIONS*

WWW.PETROTRAIN.ORG





“Our mission is to be a leading provider of

technical training within the petroleum industry, through the use of virtual reality labs, classroom based teaching, simulation training and state of the art applied technologies”

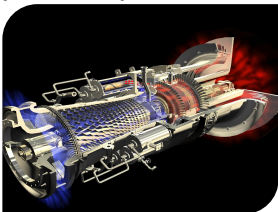
PROFILE

The *Petroleum Training Institute (PTI)* aims to provide the next generation of oil and gas personnel with the skills needed to operate and maintain exploration and production facilities across the globe. By bringing together experienced instructors and innovative technologies, the Institute enables trainees to acquire sound theoretical knowledge and practical hands on experience, in preparation for real world scenarios.

The Institute is a subsidiary of *Inspecta International*, and was established in response to a continuing need for high quality industry professionals. *Inspecta* has been offering *Asset Integrity Management* solutions to it clients since 1991, specializing in *Advanced NDT, Plant and Pipeline Integrity, Rope Access, Subsea Inspection* and *Quality Assurance*. With its headquarters in the UAE and a network of offices located in key global production centres including Egypt, Uganda and Australia, *Inspecta* is able to provide the resources and experience required to make the Institute a world leader in training.

VIRTUAL REALITY & SIMULATION

Virtual Reality and Simulation-Based training is one of the most effective approaches to training complicated process operations to workers within industrial plants.



3D visualization and simulators allow plant personnel to observe the consequences of their actions without any direct impact on actual plant operations.

Through simulation-based exercises, trainees can learn how to respond to emergencies and how individual actions and decisions affect entire processes in an environment that mirrors situations they would normally encounter in a plant or facility.



APPLIED TECHNOLOGY

Using the latest conventional and advanced diagnostic techniques, trainees are provided with the necessary skills to ensure that assets perform efficiently and safely throughout their lifecycle, whilst protecting the health and safety of personnel and preventing environmental damage.



UPSTREAM TRAINING



- Drilling
- Coil Tubing, Pumping, Cementing
- Well Completion
- Well Operations & Maintenance
- Well Testing & Integrity
- Well Head Maintenance
- Wireline & Slickline
- Mud Logging
- Tubular Inspection
- Rig Surveys

MIDSTREAM TRAINING



- Quality Assurance & Control
- Painting & Coating Inspection
- Weld Inspection
- Pipeline Integrity
- Pressure Piping Inspection
- Non Destructive Testing
- Cathodic Protection
- Diving / Subsea Inspection
- Rope Access Works

DOWNSTREAM TRAINING



- Plant Integrity
- Plant Control & Operation
- Shop Drawing & Drafting
- Fabrication & Construction
- Civil & Mechanical
- Electrical & E&I
- Vessel & Tank Inspection
- Fitness For Service
- Risk Based Inspection
- Rope Access Inspection
- Lifting Eq't Certification
- Health & Safety

“Empowering professionals and trainees from across the globe with the highest level of operating standards and skills ensuring they stand out in the crowd as a competent and skilled operator”



COURSE EXAMPLES

- Drilling Engineering; *principles, calculations, fluid technology, directional, completion, control etc.*
- Reservoir Engineering; *coring, gas reservoirs, fracture reservoir, simulation, well tests, nodal analysis etc.*
- Pipeline Design; *design, construction, gas & liquid piping, offshore, p/l, two phase, etc.*
- Corrosion Management; *principles, monitoring, inhibitors, coating, lining, cathodic protection etc.*
- HAZOP; *risk ranking, level of protection analysis, safety integrity level, mitigation etc.*
- Smart Pigging; *liquid flow, in line inspection, magnetic flux, ultrasonics, electronic geometry etc.*
- IOSH; *hse objectives & planning, hazard control, risk management, incident investigation etc.*
- Rope Access *legislation, standards, anchor rigging, fall protection, rescues, jsa, swms etc.*
- NDT (Levels I, II, & III); *calibration, set up, acceptance & rejection, interpretation, application etc.*



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