

**Fayez Hendam**

**Instructor**

### **Career synopsis**

My strengths are, disciplined, prepared, friendly with new technology, friendly with students, a good environment creator and motivator.

There are important things to maintain and put in practice along with teaching methodology

grant students proper valuation , because it gives student the responsibility enough to be part in your classes, when student realize that they have to be punctual, disciplined, organized, respecters, they are part of the system, they bring their homework, doing they research without copy and paste, they are motivated and trying to get the best performance from their part.

I have Some qualities of a good teacher include skills in communication, listening, collaboration, adaptability, empathy and patience. , I have professional and practical expertise to explain different subject practically , specially on job training , expertise that I gained from design engineering ,commissioning , start up

### **Professional experience**

#### **April 2022-Until now - Senior Instrumentation Control Engineer. - Top-ics Cairo ,Egypt, Egypt**

- Preparation & review of key documents, such as Design Basis, Specifications Project-related Plans, Procedures, System architecture, Control narratives, System, Adequacy/modification studies and Reports, Datasheets, ESD, F&G C&E charts, ILD, instrument index, I/O list Cable Block drg, Interconnection drg, Cable schedule, I/O allocation, JB schedules, Instrument hook-up drawings, JB layouts, MCT Layouts, Cable drum schedule and Bulk MTO. Coordinate with other disciplines engineers for interface/tie-in issues and Coordination with client and Vendors. Interfacing (reporting / review meetings) with the Project Management teams & clients; interacting with vendors & subcontractors and conducting site visits for gathering data & design verification. Prepare Material Requisitions for all project & field instrumentation and Carry out Technical Bid Evaluations to ensure vendor compliance with material specifications. In addition to Commissioning and start-up .
- Personnel training
- Knowledge test / assessment

#### **January 2018-March 2022 - ICT and P&F General Manager (PMT) - Gemsa Oil Company (Gempetco), Cairo, Egypt, Egypt**

- Spearhead end-to-end management and monitoring of all aspects of planning, follow-up, wireless telecommunications equipment (HF, VHF, UHF), all ICT operation and development processes, and relevant licenses from NTRA regulatory

authorities. Pinpoint ICT business requirements, create and manage ICT budget both CAPEX and OPEX, and guide ICT team staff and inspire people to work together. Supervise all ICT upgrading (hardware and software licenses procuring, implementing, and configuring).



Facilitated VMware's utilisation to minimise the number of physical servers and overall energy consumption.



Maintained and implemented back-ups of the organisation's data, ensuring an adequate plan for disaster recovery.



Negotiated the delivery of Service Level Agreements (SLA) with external service providers in addition to examining and approving all payments for contractors and service providers.

Project Ti

- Curriculum development
- Personnel training
- Knowledge test / assessment

#### **April 2017-April 2018 - Planning and Follow-Up (P&F) Assistant General Manager (PMT) - Gamsa Oil Company (Gempetco) Cairo, Egypt, Egypt**

- Tracked performance indicators costs, and budgets, recommending corrective measures in the case of budget deviations.  
Followed up on actual performance vs planned and eliminated the root causes of underperformance.  
Estimated projects benefit and projected payback period, administered and monitored weekly staff meetings, and prepared meeting agenda. Assessed various departmental performance in achieving the objectives and scorecards.  
Devised and issued quarterly reports covering performance metrics of the company.



Envisioned and enforced business workflow (Visio flow chart) for all company departments.



Pioneered the company performance management system (CPMS), measuring the performance assessed against 3 KPIs (production, TRCF, and \$/BBL), personal performance according to 3 criteria (attitude, attendance, and achievement) delivering a factor of 0-120% of the month ba

- Curriculum development
- Personnel training
- Knowledge test / assessment

#### **November 2010-April 2017 - Engineering Manager (PMT) - Zaafarana FPSO /Gamsa Oil Company (Gempetco), Cairo, Egypt, Egypt**

- Directed the upgrade and renovation of Kawasaki main machinery, high pressure boilers and IG systems, power generations, deck machineries, and auxiliary machineries at FPSO. Managed and followed up FPSO main class renewal (MCR), while examining hydrodynamic and static modelling for HAZOP , flexible riser, and risk

assessment for FPSO by Zurich Risk Engineering UK. Evaluated FPSO ultrasonic thickness measurements reports (UTM) as per DNV classification society. Formulated tender document and scope of work for works related to FPSO. Conducted assessment of technical safety aspects for all incoming plant change proposals. Engaged in meetings with FPSO contractor "Prosafe Co., Aker Co. & Thome Oil and Gas Pte Ltd"

Commissioning and start up for renovated FPSO systems and process plant upgrade include:

- ✓ Water maker/R.O ✓ Oily water separator ✓ 3-phase production separator
- ✓ LPSG system ✓ Po
- Personnel training
- Knowledge test / assessment

**October 2007-October 2008 - Senior Instrumentation Control Engineer - TECHNIP -KTI S.A, Poland, Poland**

- TECHNIP -KTI S.A, Poland | TECHNIP ITALY S.P .A, Licensor: UOP (process licensor), Illinois, USA 2007 to 2008

Senior Instrumentation Control Engineer (PMC)

Analysed and approved design calculations, material quantity estimates, detailed instrumentation deliverables, system

design, including concept sketches, layouts, construction documents engineering drawings, and key design documents of

vendors equipment. Conducted clash checking and 3D models review, Reviewed and approved construction documents,

and MRQs. Created instrumentation document and construction deliverables as well as operated in AutoCAD and smart

plant instrumentation SPI Intools, PDS, and Microstation.



Examined and commented vendors' documents such as loop drawing, J.B, Hook-up, Spec, updating PDS

equipment modelling with package J.B and cable tray.



Used Intools and extracted reports such as cable schedule, J.B wiring, cable drum and MTO, in-out database,

along with generating loop drawing and reviewing piping ISO's

- Personnel training
- Knowledge test / assessment

**October 2006-October 2007 - Senior Instrumentation Control Engineer (PMC) - Enppi, Cairo, Egypt, Egypt**

- Enppi, Cairo, Egypt 2006

Senior Instrumentation Control Engineer (PMC)

Devised technical reports in upgrading opportunities and developed conceptual retrofit schemes.



Enhanced instrumentation system reassessments and design at Badri Platform.

Project Title: Gupco Rehabilitation Project

Client/Location: BP-Egypt

Project Value &Type: \$700M Offshore Brown Field

- Personnel training

- Knowledge test / assessment

**October 2005-October 2006 - Senior Instrumentation Control Engineer (PMT) - Shell N.V., Cairo ,Egypt**

- Shell N.V., Cairo, Egypt 2005 – 2006  
Senior Instrumentation Control Engineer (PMT)  
Liaised with ENPPI (engineering for petroleum and petro chemical industries) to finish engineering for (FCP) field change proposals approved by Shell Global Solutions International SGSi, after studying SGSi technical reports and starting with site survey. Conducted simplified demonstration about proposal to site engineers, prepared all required data for modifications, submitted to ENPPI, resolved ENPPI technical queries, Served as technical authority to recommend customized solutions, modifications where necessary. Resolved any comments or queries arising. Providing expert advice and support new technology. Collaborated with operations department to ensure acceptance, provided attachments like specialized technical article, Shell DEP standards, and submitted to SGSi for approval. Acted as the nucleus to ensure a complete integral package assembled and reviewed before distribution
- Personnel training
- Knowledge test / assessment

**April 2003-November 2004 - Senior instrumentation Control Engineer ICSS (PMC) - NPCC, Abu Dhabi, UAE, Abu Dhabi, UAE**

- NPCC, Abu Dhabi, UAE 2003 – 2004  
Senior instrumentation Control Engineer ICSS (PMC)  
Participated in Soroosh and Nowrooz Integrated Dev. Mega project Engineered by TECHNIP , NIOC, activity including inspection and testing multi-vendor instrumentation upon receipt to ensure compliance with specification, Functionality, performance, and coordination for repairs whenever necessary, verification of field data, design calculations and preparation of purchasing requisitions and service requisitions. Managed, coordinated, supervised, and advised instrument team and activities related to Installation, commissioning calibration and coordination between (shell, NIOC, Technip) for all multi-vendor equipment and acknowledged as problems solver during commissioning/start up. Performed pre commissioning and commissioning using ICAPS (Integrated Commissioning and Progress System) ICAPS as database tool and represent the project at site and in technical discussion with client
- Personnel training
- Knowledge test / assessment

**Education and qualifications**

Type	Name
1981 - 1985, Bachelor	BSc. Of Electrical Communication and Electronic Engineering MANSOURA UNIVERSITY   Mansoura, Egypt, BSc. Of Electrical Communication and Electronic Engineering

2015	NEBOSH, NEBOSH International General Certificate in Occupational Health and Safety, March 2015 Health and Safety Practical Application, Management of International Health and Safety, Controlling Workplace Hazards, 120 hours
2019	PMI , PMP, Project Management Professional, April 2019, 200 hours
2021	CISCO network, CCNA, Cisco Certified Network Associate, March 2021, 150 hours

**Language: Arabic, English**