CURRICULUM VITAE

* Personal:



Name	:	**Akram Mohamed Abo Elmatty Eladeab**
Job title	:	Senior Process & Production Engineer
Nationality	:	Egyptian
Date of Birth	:	17/11/1988
Military Status	:	Fully Exempted
Marital Status	:	Married
Home Address	:	Meit Elhkoly , Zarka , Damitta , Egypt
Telephone	:	(+2)01017746448 – (+2)01010501952 -0573901416
Email	:	**akrameladeab2@gmail.com** & **akram_adeeb@yahoo.com**

* Education:

- University : Cairo University
- Department : Petroleum Engineering
- 1st University Degree : Diploma in "Natural Gas Engineering", Cairo University , July 2015.
- 2nd University Degree : B.SC Degree in petroleum Engineering , Cairo University , July 2010

* Career Objective:

- A Challenging and competitive full time job at a fast growing system oriented organization through which my analytical, creative, technical, management and communication skills can be further be developed.

* Working Experience Summary:

- **Total Experience years: 8 years.**
- ***From (May.2013 Till now):***

  Employed as a member of (pre commissioning, commissioning, start up and operation) team for new construction site "DISOUQ Gas Field" a joint venture between Egas Company and DEA Company.

- ***From (Jan.2018 Till July.2018):***

  Employed as a member of (pre commissioning and commissioning) team as supervisor process commissioning Engineer for new gas discovery "ZOHR Gas Field" a joint venture between PETROBEL Company and Eni Company.

- ***From (June.2011 Until May.2013):***

  Employed as Production Engineer at Suez Oil Company {SUCO}, (Owned by EGPC, and RWE), Oil and Gas Production Company. Operated as a process and offshore Engineer at oil plant at Zeit Bay Field "Red sea area".

*A Brief Description of Disouq Field:

- Disouq field is gas field contain more than 15 gas wells and two gas process treatment plants (Rental Production Facilities “RPF”, and Central Treatment Plant “CTP”) .
- For CTP the gas from wells choke to pipeline then sent to slug catcher vessel and then to a two gas train low temperature separation units operating on the Joule-Thomson principle and then compreesed by reciprocating compressors as sales gas . Separated condensate sent to stabilization unit and to storage tanks .
- New technologies at Disouq field (DCS / HIPPS / RTU / Solar System / Zero Flare philosphy).

*A Brief Description of ZOHR Field:

- The ZOHR Onshore facility is a part of a fast track development of the world class supergiant gas discovery in the deep waters of Egypt’s Offshore Mediterranean. The ZOHR Development Project consists of new Greenfield gas processing facilities with nominal 2800 MMSCFD of export Sales Gas at ZOHR site in Port Said Governorate.
- ZOHR Onshore Plant consists of two phases each phase consists of four Gas trains (Acid gas removal "AGR" and Water &HC dew point control unit (using silica gel), Sulfur recovery unit "SRU" (Claus process), Condensate stabilization unit and relevant Utilities (steam, fuel gas, instrument air…).

* A Brief Description of Zeist Bay Field:

- It consists of four platforms (off shore wells) and onshore wells, in additional to Oil Processing plant (GOSP) and Gas Processing plant (LPG).
- Reservoir drive mechanism for wells is mainly Gas Cap Reservoir supported with two gas injection wells and the artificial lift mechanism is Gas Lift.
- GOSP Area has two processing gas & oil separation trains (slug catcher, LP seperator , Atmospheric seperator , desalter, heaters, 6 storage tanks,…).

*Duties and Responsibilities at ZOHR Field:

*Pre Commissining and Comssissiong (Responsibilities):

- Perform P&ID checks and verify as built drawings prior to handover to Operation.
- Witness and supervision for air blowing , leak test and purging activates for plant system PKG and pipe lines.
- Perform and Witness Chemical treatment activates such as Degreasing activates using Soda ash solution for lean and rich amine lines to remove any loose materials, scale and oily materials which are liable to cause foaming at start up.
- Perform internal inspection and check for all internal parts for process vessels (Seperators, absosrber , amine regenerator , filters, coolasers , …) according to mechanical drwaings and issued formal ITR "Inspection Test Report " .
- Witness and supervision for Catalyst loading activates such as silica gel loading for HC and water dewpoint control packages.
- Witness the loading and filling-up activates of some chemicals such as (Amine , antifoam, corrosion inhibitor , MEG, …) to their specified vessels.
- Witness all process Pumps commossioing activates such as (solo motor runs, alighment , vibration measurments , pump performance during load run, cause and effect review, ….) and issued pump formal OTP "operational test procedure " .
- Witness for all final reinstament and final boxing up for all process vessels.
- Check and witness all function test activates (loop check and logic check) for all system instrumentaion.

- Check and witness all operational test activates by switching-on all system/subsystem equipment, using water and/or diesel for pumps and inert gas or air for compressors, under conditions as close as possible to normal operation for a significant period of time and perform a live test for all automated devices and check control and shutdown sequences.

*Duties and Responsibilities at Disouq Field:

* Pre Commissining, Comssissiong and Start up (Responsibilities):

- Perform P&ID checks and verify as built drawings prior to handover to Operations.
- Witness for cleaning, Flushing, hydro testing, dewatering , drying, purging and leak test with nitrogen for plant , piping and for 35 km 16" & 6" gas and condensate sales lines.
- Witness for leak test and purging for plant system PKGs.
- Issued mechanical completion and punch list for plant.
- Verify that the material and pressure rating of all piping, flanges, valves, and equipment are in accordance with the drawings.
- Verify that insulation and flange gaskets , insulating flange kits , heat tracing and valves are installed in accordance with the specifications, plans, and drawings.
- Collate all commissioning and handover documentation into the relevant system dossiers and retain records of completion status.
- Start-up plant with daily flow rate 100 MMSCFD and 400 BBLS condensate.

*Senior Process and Production Engineer (Responsibilities):

- Supervise all gas processing system (Separator, Glycol Tower , Glycol Regeneration Unit , LTX Unit , gas compression package , dew point contolling , Condensate Stablizer Unit , Condensate Loading, Disposal Water Loading and utilities).
- Supervise the shutdown and start up production facilities according to the procedures.
- Start up and monitoring three compressor units with 150 MMSCFD capacity.

- Prepare Daily and monthly Production Reports including (production figure , lab analysis data , wells status ,routine and non routine activtes).
- Simulating process parameters with aspen HYSYS software to Acknowledgement of the gains of changing or modifying any of the process parameters for the sake of operation.
- Studies and Suggest Plant Modifications and Provides Justifications to Enhance Plant Operations and Prepare formal PMC (plant modification certificates).
- Assists in the preparation of operational manuals and procedures.
- Follow-up and prepare the equipment to be handed over to Maint. and prepare the equipment to back to normal operation after completing Maint. Activities, (spading list, manual isolation, Purging with N2, spading, performing gas test by co-operation with Safety officer before entering the vessels for inspection, …).
- Receive the Lab analysis data and adjust the operating conditions accordinglyand Monitor chemical injection dosing rate (MEG , methanol, corrosion inhibitors…ETC).
- Analyze and evaluate technical issues and resolve to intiate an appropriate corrective action .
- Follow up all pipelines pigging operations (cleaning and intelligent pigging).
- Responsible for issuing sales gas and condensate loading cargo and water disposal manifest .
- Provision of technical specifications for scope of work & tenders .
- prepare complet study of risk assissment & environmental aspect and impact for any job parrealle with the job procedure.
- Participation in HSE requirements “compliance with PTW system, carrying out risk assessments/aspect-impact/acting on fire drills/reviewing procedures…etc.
- Interacts with the HSE Advisor to coordinate the application of HSE standards in all procedures.
- Responsibility for the implementation of safety and security policies, procedures and instructions for facility operations and ensures that all state and federal codes, requirements and standards are complied with.
- Prepare scope of work, request for quotation, call for and contract documents for specific technical offers and prepare recommendations.
- Prepare yearly budget (operating & captials

*Wells Integrity Monitoring (Responsibilities):

- Follow up and close monitoring all wells performances (monitoring, testing, trouble shooting and remedial actions).
- Process preparation for rigged & rigless activities and securing the well activates .
- Witness for all down hole activates (pressure & temperature survey , setting plugs , reperforation , PLT logging and flow after flow , isochronal and modified isochronal tests , ….)
- Experience in well testing through test package or multiphase flow meter.
- Supervision all X-mass tree well head maintenace activates.

▪ *Duties and Responsibilities at Zeit Bay Field:-*

- Ensure Safe and efficient crude oil treating, storage and loading operations.
- Prepare operational reports (Daily, Weekly, Monthly, etc.) of operational facilities
- Ensure that all GOSP equipment (Seperators , desalters ,tank farm ,.. ..) are operating efficiently and in safe conditions.
- Follow up the log data sheet of production facilities and correct any up-normal data according to the specified operating data.
- Follow up the operating conditions of two RO (Reverse Osmis) units to supply fresh water.
- Follow up the operating conditions of waste water treatment units in the filed and improve the specification of drained water.
- Follow up all sub-sea pipelines pigging operations .
- Prepare and Review all Work Permits, Job Procedures and Related Safety Documents.

* *Language Skills:*

- Arabic : (Mother Tongue)
- English : Very Good (Spoken , listening and Writing)
- Certificate of technical English reporting and technical writing from Cairo University.
- English Conversation Professional level course.

* Computer Skills:

- Good user of Invensys DCS Softwares (Fox View, Fox Draw, Fox select)
- Good user of Aspen HYSYS all versions.
- Good user of MS Visio .
- Professional user for windows, MS-Office and Internet searching.
- Able to deal with any new kind of programs or modern technology.

* Personal Skills:

- Iam a self-motivated and hard working person .
- Ability to work creatively and analytically in problem solving.
- Ability to work under pressure.
- Good Communicator with people and team spirit.

* Professional Training Courses:

* Course Name	"Sponsor"
Crude oil surface production and treatment	OGS .Cairo
Basics of natural gas processing.	OGS .Cairo
Advanced natural gas processing (operation, troubleshooting and special problems).	OGS.Alex
Fundamentals of process calculations.	OGS.Alex
Process Plant Design.	OGS .Cairo
DCS and TRICON theory and operation	Invensys Co.
H2S hazards and awareness ,emergency response awareness .	MAERSK
Process safety mangment system	OGS .Cairo
HAZOP workshop	OGS.Alex

Safety Instrumented System SIS Design and applications	OGS.Alex
Steady State Basic Process Modelling using ASPEN HYSYS .	Aspentech
Heat Transfer Equipment , Commissioning, Startup, Operation and Shutdown	OGS.Alex
Certificate of Competent area authority stuff , (work permits, Risk Assessment and troubleshooting).	Field HSE
IWCF (International Well Control Certifcate) , pressure control program, W/L & coiled tubing.	OGS .Cairo
Basic Wire Line Operations.	OGS .Cairo
Change management (behavoir based safety, focus)	OGS . field

I affirm truth all particular which given above with documents