

**SALAH ALI FADUL ELMOLA ELHORY "Senior Oil Production, Operations and Commissioning Specialist".**  
**Competent in Oil Production, Process Engineering, Control Room Operations, Field Operations & DCS.**

**Address:** UAE-Nationality: Sudanese-Marital Status: Married.

**Cell Phone &WhatsApp:** +249-901232651 / **E-mail:** [wadalhory50@gmail.com](mailto:wadalhory50@gmail.com)

**High Impacting Oil Production, Commissioning, Processing, and Operational Professional Engineer Portfolio".**

Result & quality-driven Senior Chemical/Oil Engineer pursuing over **(13)** years of hands-on-experience in Production Operation and processing in Oil & gas industry, with key focus on PLC SIMATIC, DCS, Wellheads, Electrostatic Heater Treater and EDH separators, Heaters (fire and tube type), Raw water treatment package, ESD (Emergency Shutdown), fire & gas system, Flare, Close drain system, Firefighting system (Firewater pumps and foam system), Metering skid, Export pumps & Pigging Operation & Tracking Job for Export Pipeline.

Holding a **(Bachelor of Science in Chemical Engineering Technology)**, aided with top shelf recognized and tailored multiple trainings, courses and workshops that are highly relevant and customized.

Highly capable in leading teams, identify skill gaps, coach and mentor and in building teams capabilities and talent, in areas such as gas and Oil milestones and in identifying risks and opportunities.

Practically and strategically, led extraordinary challenging assignments across the **13** years.

**KEY ACHIEVEMENTS:**

- ♣ Commission Early Production Facilities and Field Surface Facilities.
- ♣ Commission South Alnnjma FSF field 10 crude oil wells.
- ♣ Solve problem Off-loading system
- ♣ Acting Production supervisor at Sharif Oil Field 1 year.
- ♣ Perform well testing through test separator, multi-phase, and micro motion.
- ♣ Operate Schlumberger ESP pump.
- ♣ Do commissioning and Spin test for new Oil Wells.
- ♣ working with Maximo production environment system and production management system
- ♣ Operate and supervision for water Injection wells.
- ♣ Commissioning and production startup successfully for de-gassing station, capacity 35,000 Oil bb/d and 17 wells Oil & water Injection wells system.

**KEY COMPETENCIES:**

- ♣ DCS Siemens 400 and SUPCON.
- ♣ PLC SIMATIC.
- ♣ Wellheads, oil gathering manifolds, multi-phase pumps, Pig Launching and Receiving, Well startup and shutdown (PCP, Beam Pump), Chemical injection, Multi-phase flow meters, Micro motion flow meter and sand trap vessel, Water Injection Wells.
- ♣ Inlet Receiver with Slug Catcher & Three phase Separators.
- ♣ Electrostatic Heater Treater and EDH separators.
- ♣ Heaters (fire and tube type).
- ♣ De sanding system and produced water injection unit.
- ♣ Raw water treatment package.
- ♣ ESD (Emergency Shutdown) & fire & gas system.
- ♣ Flare, Close drain system.
- ♣ Instrument air and nitrogen skid.
- ♣ Firefighting system (Firewater pumps and foam system).
- ♣ Metering skid (auto sampler, W/C analyzer, meter and meter prover).
- ♣ Storage tanks farm (floating and fixed roof).

## **PROFESSIONAL EXPERIENCE: (Oil Production, Operations, Commissioning, DCS)**

### **ANTONOIL-IFMS-MAJNOON OILFIELDS-IRAQ.**

#### **Production Operations Tech.**

**JUN 2022 TO PRESENT**

- Delivery of on-specification hydrocarbon exports.
- The safe production of hydrocarbons in accordance with the Company's business needs, production plan, and targets.
- Understand and ensure the safe, efficient, and effective operation of the outside process and safety systems and equipment to avoid unnecessary shutdowns and meet or exceed availability and production targets, including:-
- Oil and Gas production and export.
- And oversee planned and unplanned shutdowns and associated start-ups, including via the central control Panel, ensuring plant and personnel safety at all times.

### **CNOOC INTERNATIONAL- PRODUCTION UNIT-IRAQ.**

#### **Senior DCS & Control Room Operator**

**March 2019 TO JUN 2022**

- Follow the instruction given by Operation District Superintendents.
- All the operational activities as per standard Operating Procedure and recommend solutions to the issues related to operation.
- Closely monitor and control DCS to ensure DGS process train working stable. Especially monitor the ESP/natural flow well running condition in DCS, and monitor all the CCTV system in order to keep all the well pad/DGS in safe condition.
- Cooperate with ESP operation team for ESP well daily routine check and operation.
- Issue work permits in accordance with safety regulations and maintain a high-level safe work practices under the circumstances of H2S.
- Follow up the hand over well for workover and stimulation Operation job.
- Moreover, commissioning new well and carry out the Spin test and do the daily well test as per schedule.
- Prepare accurate periodic operating reports and up-to-date logs, work permits, near miss and other Records.
- Prepare and submit all relevant reports to the Operation District Superintendent, such like daily report, weekly report, monthly report etc. in accordance with the format specified by Company.
- Participate in incident investigation and report to Operation District Superintendents.
- Supervise the work permit system execution on the site in accordance with safety and environmental regulations & maintain a high-level safe work practices under the circumstances of H2S.
- Participate in the team to prepare and update standard Operating Procedures for pre-commissioning and commissioning activities, normal plant and well start up / Shut down operations and other operational activities.
- Cooperate with maintenance department to solve all technical issues of equipment operation.
- Support to optimize operation practice that may benefit Operation District.
- Troubleshoot problems related to Operation equipment has and follows up corrective actions where needed as instructed by Supervisor.
- Update and maintain all log books related to Operation activities and daily production reports.
- Review Lab results with supervisor & suggests corrective actions in case that specification is not meet.
- Conduct the daily operation, monthly Fire drills & safety meetings.
- Provide on-job training to all MOC assignees & evaluate their technical skill.
- Takes the responsibility of a site commander in case of emergencies like fire, oil/gas leakage etc. assist company for incident investigations & follow up actions.

### **SHARIF OPERATING COMPANY-PRODUCTION UNIT-SUDAN**

#### **PROCESS ENGINEER**

**APRIL 2012-APRIL 2019**

- Monitor and improve performance and efficiency of processing facilities including analyze laboratory report of product sample & Chemicals dose Injection.
- Problem solving and troubleshooting regarding process operations. Able to control all reactions from DCS.
- Ensuring the personal safety of all employees and make sure all employees are following proper safety precautions to minimize serious injury.
- Supporting commissioning department due to commissioning activities.
- Analyzed process problems, developed and recommended solutions to improve plant operation, and investigating and troubleshooting process problems.

- Collecting data required to make improvements and/or modifications.
- Overseeing the construction of new plants.
- Preparing conceptual process designs for new facilities and process modifications to existing facilities.
- Develops process engineering project strategies. Studies and analysis complex or recurring process problems and recommends appropriate solutions.
- Responsible for the execution, supervision and monitoring of all facility process engineering activities.
- Lead the maintenance teams during and after commissioning to carry out all Mechanical, electrical and instrument problems.
- Well testing through micro motion, test separator and multi-phase flow meter.

## **PETRONEEDS INTERNATIONAL COMPANY- PIPELINE UNIT-SUDAN.**

### **MAINTENANCE ASSISTANT**

**AUG 2007-MAR 2010**

- Assist on pumping units and compressor stations.
- Directs workers engaged in patrolling, inspecting, repairing, and installing pipelines and communication systems, painting pipes and tanks
- Orders digging and backfilling of culverts and drainage ditches, involving use of trucks, bulldozers, and backhoes.
- Instructs new workers in work methods, operation of equipment, and safety regulations.
- Inspects work in progress and completed work to ensure adherence to specifications.
- Supervises construction or removal of pipelines and pipeline facilities.
- Performs other duties as directed by supervisor.

### **EDUCATION & CREDENTIALS:**

- **Bachelor of Science in Chemical Engineering Technology.**
- Process Design Detailed Engineering-MECCI Engineering Pt. - India.
- Automation & Industrial Control-Exemplar Center for Engineering-Sudan.  
System Concept and Technologies Training Career Development.
- Oil & Gas Process Simulation using Aspen-Charisma Workforce Development-Sudan.  
Hysys (Intermediate level with Excellent Degree).
- Pipesim Training Completion Certificate- SCHLUMBERGER- Sudan.
- Advanced Excel 2010-KIWI Training Center-Sudan.
- Hysys Process Simulation course-University of Khartoum-Sudan
- The Pharmaceutical Industries-Wafrapharma Laboratories-Sudan
- The Pharmaceutical Industries-General Medicines co .Ltd Sudan
- Risk Assessment - Chelsea International – Sudan.
- Safe Work Permit - Chelsea International – Sudan.
- Electrical Safety in Hazardous Area - Chelsea International – Sudan.
- Occupational safety and health advanced diploma (IASP).
- XP Office Course in NIITStudy Center (Word, Excel, Access & Power Point).

### **COMPUTER SKILLS:**

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- Microsoft Office Packages - Word, Excel, Outlook, PowerPoint.

### **LANGUAGES**

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Arabic Native- Fluent in English