

# ASIM ABD ALHADI NASR

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| <b>Personal</b>        | <ul style="list-style-type: none"><li>▪ Date &amp; Place of Birth: Jan, 11th 1978, Khartoum, Sudan.</li><li>▪ Nationality: Sudanese.</li><li>▪ Social Status: Married.</li><li>▪ Phone: 00249912340730 or 00249112657694</li><li>▪ Email: asim98038@gmail.com<br/>anasr@petroenergy-ep.com</li><li>▪ Address: Alsaafa block 20, Khartoum, Sudan</li></ul>  |
| <b>Education</b>       | <ul style="list-style-type: none"><li>▪ M.Sc. in Mechanical Engineering (Re-design of field processing facility in Palouge field), April, 10<sup>th</sup> 2012, Sudan Academy of Sciences, Council of Engineering Researches, Khartoum, Sudan.</li><li>▪ B.Sc. Honours in Mechanical Engineering second class ( Division one) 13<sup>th</sup> of January 2005, Nile Valley university, Atabara, Sudan</li></ul>  |
| <b>Languages</b>       | <ul style="list-style-type: none"><li>▪ Arabic (mother language)</li><li>▪ English (spoken and written fluently)</li></ul>   |
| <b>Work experience</b> | <p>❖ <b>Construction Supervisor, Petroenergy, Westren Sudan, Sudan, February 2015 – Current</b></p> <p>Company discription: Petroenergy is a leading operating company. It is a consortium of oil exploration and production companies operating in block 6 in Sudan.</p> <p>Job discription:</p> <ul style="list-style-type: none"><li>▪ Supervising and controlling construction activites carried by contractors to ensure timly completion to the required standards and within the budget.</li><li>▪ Participating with the user departments in the initial definition of the required projects and assists in the prepration of the scope of work.</li><li>▪ Participating in various activities relating the site and mobililazation of contractors and their equipments</li><li>▪ Supervising the execution of work and monitoring contractors to ensure all actovites are carried out in accordance with the correct technical and commerical practices.</li><li>▪ Inspecting installation and facilities upon completion of the workand checks the defects,preparing a detailed defects sechedule for items that must be corrected , and follow up with contractors.</li><li>▪ Supervising preparation of project close out report, archiving various documents and repotrs, accepting " As Built " drawings, reviewing operation and maintenance manuals, reviewing budget close out reports, summarizing expenses to-date , different stage cost and final cost against budget.</li><li>▪ Carries out survys to check the state of existing facilities and/or verify small modification.</li><li>▪ Reviewing and checking invoices submitted by contractors.</li></ul> <p>❖ <b>Facility Engineer , Petrodar Operating Company, South Sudan, October 2005 – December 2012</b></p> <p>Company description: Petrodar is a leading operating company. it is a consortium of oil exploration and production companies operating in blocks 3&amp;7 .in South Sudan</p> |

Job description:

- Coordinating all interfacing between production department and project department (construction, tie-in, pre-commissioning, commissioning and start up).
- Preparing proposal, scope of work and follow up the construction for all projects or modifications
- Planning and supervising the FIPs (Field improvement proposal) from preparing the proposal until start up.
- Planning and directing all improvement construction projects starting from justification studies to project start-up.
- Presentation of production department in all phases of modification and new project.
- Establishing standards and policies for testing, inspection of equipment in accordance with engineering principals and safety regulations.
- Acting as technical support for all matters related to mechanical civil and control processes.
- Working with operation and maintenance departments to solve all technical problems.
- Undertaking all activities to ensure that work is in accordance to the company QA/QC standards and procedure.
- Supporting the company safety environment and quality policies and programs.
- Providing regular advice and information to supervisor regarding new techniques, equipment, and materials which may benefit the company and its operations.
- Carrying out duties of major modifications and improvements to existing and new facilities, to be executed by outside contractors. This includes participating in technical bid analyses, reviewing design drawings submitted by contractors, and proposing amendments, specifying materials and equipment to be used, and supervising the execution of work to ensure compliance with drawings and company specifications and standards, and attending meetings with contractors.
- Supervises the implementation of minor modification and improvement projects carried out in-house to ensure execution and compliance with company standards and specifications.
- Attending the factory acceptance test (FAT)
- Preparing & reviewing the drawings, procedures and specifications.

Other responsibility;

- Provides expert technical advice to operations and other departments/divisions as required, particularly on the subjects of piping, valves, actuators, fittings, heaters, coolers, exchangers, filters, flares, vessels, nozzles and tanks. Also assists in troubleshooting complex or reoccurring problems and recommends sound and cost effective solutions to the problems that arise.
- Works with other specialist engineers to ensure that all drawings, standards, specifications, manual, and data books are up-to-date and “as built” and directs technical assistants to carry out all corrections to reflect any alterations, modifications, and additions to equipment and systems.
- Works with other specialist engineers to carry out various duties related to modifications, improvements and alterations to be executed by the maintenance & operation departments. These duties include preparing designs and specifications, preparing or reviewing consultant's design drawings, preparing bills of materials, participates in preparing purchase

- orders, following up on quotations, conducting technical bid analyses, recommending suppliers or contractors, and answering queries from vendors.
- Supervises the safe and efficient start-up, running and shutdown of various process plant and equipment. Ensures that equipment preparation and start up procedures are strictly observed. Monitors the running of such equipment and reports anomalies as detected. Participates in major overhauls and shutdowns by discussing production/maintenance plans to determine most suitable time for system shutdowns; ensures shutdown plant are purged, gas free and safe for maintenance work.
- Liaises with Company operations personnel on quantity and quality of oil received and adjustments that have to be made due to process or maintenance problems.
- Supervises the collection of reliability data for various plants and participates in plant and equipment evaluation.

❖ **QC Engineer, Khartoum Refinery Company, Khartoum, Sudan, Jun 2005-Nov 2005** |

Company discription: Khartoum Refinery is one of the leading companies in the Sudan. It is responsible for refining most the Suadn crude oil

Job Discription :

- To conduct quality control procedures.
- To conduct quality inspection for the mechanical work (steel structure,static equipment, rotary equipment, process pipe line, plumping, heater, tank,etc) and other relevant responsability.
- Pre-commissioning, commissioning, start up.
- Reviw the (RFI) & check list for all mechanical activities at site
- Attending the factory acceptance test (FAT).
- Review the drawings, procedures and specifications befor submitted.
- Check the final documentation for the project (MC dossier, PA dossier, commissioning punch list.

❖ **Maintenance Engineer, Abo Baker M. Rabih car workshop Khartoum, Sudan, April 2004 – October 2004**

Company discription: Abo Baker M. Rabih is one of the leaders in the car services and maintenance in Sudan

Job discription:

- Keeping equipment available for use.
- Maintaining vehicle functional condition by listening to operator complains,conducting inspections,repairing engines failures (mechanical & electrical).
- Explaining mechanical problems and possible solution to clients.

❖ **Mechanical Engineer , Scope scientific,Khartoum,Sudan, Jan 2013 – Mar 2014**

Company discription: Scope scientific is one of the leader consultant companies in Sudan .

Job description:

- Planning and undertaking scheduled maintenance.
- Responding to breakdowns
- Diagnosing faults.
- Obtaining specialist components, fixtures or fittings.

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## Training Courses

- **Name:** Primavera & MS.(Access, Project) & GIS  
**Delivered by:** Managment Devolopment Center  
**Period:** 19<sup>th</sup> nov-21<sup>th</sup> Dec 2005.
- **Name:** MS.(word, Excel, outlook&power point&Auto CAD 2&3D  
**Delivered by:** Managment Devolopment Center  
**Period:** 14<sup>th</sup> nov-15<sup>th</sup> Dec 2005.
- **Name:** Introduction to Petroleum Exploration & Production  
**Delivered by:** Petro-Tec  
**Instructor:** Dr. Omer B Abu Elbashar  
**Period:** 4<sup>th</sup> May-7<sup>th</sup> May 2006.
- **Name:** Basic Safety Awareness  
Basic Emergency Responce  
Basic Process Safety  
**Delivered by:** Quality & IT Experts CO  
**Instructor:** Ir.V.Gopinadhan  
**Period:** 8-9-10 Aug 2006.
- **Name:** Oil-Handling System & Facilities  
**Delivered by:** Geo-Consultant Group  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 3<sup>th</sup> Dec- 7<sup>th</sup> Dec 2006.
- **Name:** Production Operation Problems  
**Delivered by:** Geo-Consultant Group  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 3<sup>th</sup> nov-7<sup>th</sup> Sep 2006.
- **Name:** Production Optimization & Nodal System Analysis  
**Delivered by:** Geo-Consultant Group  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 27<sup>th</sup> Aug- 31<sup>th</sup> Aug 2006.
- **Name:** Well Completion and Performanace  
**Delivered by:** Geo-Consultant Group  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 10<sup>th</sup> Sep- 14<sup>th</sup> Sep 2006.
- **Name:** Oil Field Processing & Equipment  
**Delivered by:** Geo-Consultant Group  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 17<sup>th</sup> Sep- 28<sup>th</sup> Sep 2006.
- **Name:** Oil Production by Artificial lift Methods  
**Delivered by:** Geo-Consultant Group  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 19<sup>th</sup> Aug- 24<sup>th</sup> Aug 2006

- **Name:** ESP Applications, Sizing, Troubleshooting and Technologies  
**Delivered by:** Power Lift  
**Instructor:** Daging  
**Period:** October of 2007.
- **Name:** Certified Welding Inspector ( **AWS- CWI** )  
**Delivered by:** Weld-Inspector  
**Instructor:** Ph.D Hamed A. Nagy  
**Period:** 1<sup>th</sup> Dec- 20<sup>th</sup> Dec 2009.
- **Name:** API 579-1 / ASME FFS-1 2007  
**Delivered by:** Euro Matech  
**Instructor:** Ronald Frend  
**Period:** 16 - 20 August 2009.
- **Name:** Multiphase Flow Modelling Of Crude Oil Pipeline Networks  
**Delivered by:** HYDRAFACT  
**Instructor:** Mahmood Nazeri  
**Period:** For 60 Hours Over 2 Weeks at 2009.
- **Name:** Basic Steady State Modeling with Aspen HYSYS  
**Delivered by:** The Engineering Training & Professional Development Program  
University of Khartoum  
**Instructor:** Eng. Ammar Adam  
**Period:** 12<sup>th</sup> – 18<sup>th</sup> July 2011.
- **Name:** Advanced Steady State Modeling with Aspen HYSYS  
**Delivered by:** The Engineering Training & Professional Development Program  
University of Khartoum  
**Instructor:** Eng. Ammar Adam  
**Period:** 19<sup>th</sup> – 26<sup>th</sup> July 2011.
- **Name:** NDT Level 1,2  
**Delivered by:** Weld-Inspector  
**Instructor:** Ph.D Hamed A. Nagy  
**Period:** 1<sup>th</sup> Sep - 28<sup>th</sup> Sep 2009.
- **Name:** Maintenance realbility availability  
**Delivered by:** Mangment team  
**Instructor:** Eng Mohmmmed  
**Period:**2012.
- **Name:** The Defensive Driving Course (DDC)  
**Delivered by:** AW & WA GROUP  
**Instructor:** Prof.Dr. Abdel-Waly Abd-Allah Abdel-Waly  
**Period:** 2011/2012.

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## Computer Skills

Application Software: MSOffice, Internet Browsers, AUTO CAD 2&3D, HYSYS  
Process Design.

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## Skills

- Exceptional planning and organizational skills.
- Excellent experience with facilities maintenance.
- Extensive experience in oil, water and gas Separation and processin

## **Project Experience**

- Conceptual & Basic Design for Produced Water Reinjection in Gumry Field. Jan 2010 - China
- Conceptual & Basic Design for Produced Water Reinjection in Adar Field. Jan 2010 China
- HAZOP for Phase 2 Expansion Project in Palouge Field.
- HAZOP for Produced Water Reinjection Project
- Factory acceptant test (FAT) for Palouge produced water draw off pumps in China 2011.
- Suyan EPF early processing facilities-2015
- Sufyan fsf field service facilities-2020
- Cathodic protection upgrading project-2020