***Curriculum vitae***



**Iyad Mohamed Abbas Fathi**

**Electrical Engineer**

**+ 10 years Experience**

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 **Tel: +249122904891**

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| **Personal Details** |

* Gender : Male
* Date of Birth : 27th October 1986
* Marital Status : Married
* Nationality : Sudanese
* Language (written and spoken) : English very good and Arabic fluently,

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| **Key Qualifications** |

* Over 10 yrs of extensive experience in Oil & Gas, Infrastructures & Energy sector With a leading EPCC contractor for projects located in Sudan, Iraq, Chad and others.
* Strong Professional Experience in Engineering Design Phase, From Feasibility studies, Conceptual Design, Feed, Basic and Detailed design.
* Strong Site skills for the construction stage
* Good Communication skills with other disciplines at the design stage and at the construction site.
* Issue Progress reports, technical presentation to the Sr. engineer and Engineering manager.

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| **Education** |

**[2003-2008]**  **SUDAN UNIVERSITY FOR SIENCE AND TECHNOLOGY**

 Bachelor of engineering (Hon’s) in Electrical engineering

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| **Career summary** |

[Aug 2015 –present] Sudapet Co. Ltd Electrical Engineer

[Jan 2011 –Aug 2015] Creative Solutions Co. Ltd Electrical Design Engineer

[Sept 2010-Dec 2010] Asawer Oil & Gas Co. Ltd Electrical Engineer

[Dec 2009 – July 2010] Giad Motor Company Maintenance Engineer

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| **Professional Experience** |

**Aug 2015- Now SUDAPET Co. Ltd**

* Participate in the preparation of the work program and budget
* Participate in the approval of the work program and budget of the other companies belong to SUDAPET
* Attend technical meetings and workshops on behalf of SUDAPET
* Follow the projects up to the budget and schedule

**January 2011 – Aug 2015 Creative Solutions co. ltd, Sudan**

Creative Solutions co. Ltd is a wholly owned subsidiary of Sudapet Co., and it represents the engineering office of Asawer & Sudapet (Sudan State Oil Company).

The job scope is to Design/Design review of Projects in oil and gas industries, energy and water/wastewater treatment as an Electrical engineer, the Design office is JV with multinational companies.

* Translate customer requirements into technical and functional design
* Carry out site surveys and data gathering.
* Working together with the (sub) contractors, suppliers.
* Prepare deliverable lists; man-hour estimate & Material take off for the company various tenders.
* Develop feasibility studies requirements, basic & detail design deliverables.
* Provide electrical engineering calculations, drawings, and sketches to drafters, material takeoff, material requisitions & technical evaluations of suppliers.
* Reviewing vendor drawings, calculations & other technical data.
* Interdisciplinary check of deliverables.
* Carry out red markups at site while construction activities are in process.

**September 2010 – December 2010 Asawer Oil & Gas co. ltd, Sudan**

Asawer Oil & Gas Co. Ltd is a wholly owned subsidiary of Sudapet Co., and it represents the Construction Arm of Sudapet (Sudan State Oil Company).The job scope is to conduct the EPC Projects in oil and gas industries, energy as an Electrical engineer

* Site preparation activities
* Follow up the work up to the schedule
* Electrical Equipment installation supervision
* Electrical equipment installation
* Pre-commissioning and commissioning activities

**Dec 2009 – September 2010 GIAD MOTOR CO. Ltd**

GIAD Motors Co, Ltd is the Sudanese national motors company the job was Electrical maintenance engineer

* Reporting to the maintenance department manager
* Maintenance of production lines (lines, conveyors, elevators…)
* Preventive and predictive maintenance activities
* Troubleshooting and problem solving

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| **Technical Skills** |

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| No. | Course` | Duration |
| 1 | Introductory module to the oil & gas Engineering Services. | 7 weeks |
| 2 | Power protection systems | 1 week |
| 3 | Hazardous area classification | 1 week |
| 4 | Earthing system & lightning protection | 1 week |
| 5 | Electrical cabling system | 1 weeks |
| 6 | Electrical engineering & installation | 1 weeks |
| 7 | Cathodic protection  | 1 weeks |

* Technical Training Courses at **Enppi Academy** "**Held in Egypt**": Jan 2011

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| **Projects Involved** |

- **PROVISION OF BASIC DESIGN ENGINEERING SERVICE FOR EPF PROJECT for RAWAT Area- CSC/CPE JV China office.**

- **Provision of Basic Engineering Design Natural Gas Utilization Project-**

- Developing the Electrical Engineering Procedures for **CSC** and participate in setting up **CSC** General Engineering Procedures.

- Electrical Engineer for **GNPOC Enhancement Projects**.

- Electrical Engineer for **CATHODIC PROTECTION (CP) SYSTEM UPGRADING FOR VARIOUS FIELD FACILITIES PROJECT PHASE 3** For **GNPOC**.

- **Electrical** Engineer for Provision of BD & ITB package preparation of **STAEM**

**FLOODINGPILOT TEST** for FNE field- CSC/EPPM JV **Tunisia**

**Electrical** Engineer for Fast Track **EPCC Early production Facility (EPF) for Star oil Operating Company**-CSC/EPPM JV **Tunisia**

- Electrical Design Engineer for the “**HADEEDA Early production facilities Conceptual design.**” which Design is held in Tunisia with our Partner **EPPM, Tunisia**.

- Review of Engineering Documents & cost of construction for the **GARRAF Field well cluster facilities in IRAQ done by CH2MHILL** as Asawer is the PCC contractor.

- Participated in Various Tenders preparations and technical Evaluations for the Company’s various tenders and bids & international project in **IRAQ**.

- Basic Design for Greater Nile Petroleum Cathodic protection system Upgrade

**Referees**

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| **Referees**  |

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\* **Additional information is available upon request**