

# Abdelrahem Awad Abdelrahman Mahgoub, PMP

Mechatronic Engineer / Project Engineer, investing my time on enhancing machinal and electrical applied Knowledge, with serious concern about energy utilization and keen interest in financial management.

## Experience

### Liliam Pharmaceutical Industries Company Limited

#### Project Engineer

Khartoum, Sudan

(July 2021 - Present)

- Constructing a pharmaceutical plant that contains nine production lines with a productive power of two hundred products of **Solid dosage forms, Semisolids, Injections and Eye drops.**

### Bash Pharma Company Limited

#### Project Engineer

Khartoum, Sudan

(March 2019 – June 2021)

- Construction of new Automatic pharmaceutical injectable line.

My responsibilities include:

1. Managing project's scope and ensuring meeting requirements.
2. Planning project schedule, identifying critical activities and recommending actions to maintain projects schedule.
3. Estimating activities budget, tracking and controlling the project overall budget, and finding proper methods to reduce expenses.
4. Electrical and Mechanical site preparation for project's activities.
5. HVAC System installation.
6. Injectable line machines installation.
7. Addressing risk factors and applying quality policies that relates to pharmaceutical industry.
8. Preparing several project reports such as weekly progress reports and project status reports by collecting and analysing project data.

## Contact

Address Khartoum, Sudan

E-mail [abdelrahem-awad@hotmail.com](mailto:abdelrahem-awad@hotmail.com)

Phone +249900612136  
+249913967079

Nationality Sudanese

Date of Birth 28<sup>th</sup> May 1995

Marital Status Single

website [www.linkedin.com/in/abdelrahem-mahgoub-172266b7](http://www.linkedin.com/in/abdelrahem-mahgoub-172266b7)

## Top Skills

### Computer Skills:

- Microsoft office applications (Excel , word , power point )
- Primavera
- Siemens NX (CAD/CAM)
- Solid Works , Auto-Cad.
- Siemens PLC programing
- (MicroWinCC, Simatic Manager)
- OMRON PLC programing
- (CX-ONE).
- MATLAB
- NI Multisium , Pspice
- PCB design Softwares

### Technical Skills :

- Manufacturing processes (CNC Turning and milling, 3D Printing , Electronics soldering )

## Language Skills:

Arabic	Mother tongue		
English	Listening	C1	IELTS
	Reading	C1	(CEFR
	Speaking	C1	LEVEL)
	Writing	C1	C1)
	Levels: A1 and A2:	Basic user - B1 and B2:	
	Independent user - C1 and C2:	Proficient user	

## Sharjah National Oil Corporation (SNOC)

### Intern Project Engineer

Sharjah, United Arab Emirates

(February 2018 – April 2018)

➤ LPG Blending Unit and Truck Loading project.

I was assigned to Liquefied Petroleum Gas (LPG) Blending facility and truck loading project, my duties included:

1. Ensuring project execution is proceeding according the following documents:

- 1.1. Project Contract, design basis and system architecture.
- 1.2. Project execution procedure and scope of work.
- 1.3. Operation manual and work permit system.
- 1.4. PLCs and instruments designs.
- 1.5. Pipe line tie-ins schematics.

2. Documenting following procedures:

- 2.1. Hot tapping of methane pipe line.
- 2.2. Pipe lines hydro tests.
- 2.3. PLCs installation and attaching them to the field instruments through their marshaling cabinets and PLC Loop checking.
- 2.4. Switch gear modification and commissioning
- 2.5. Distribution transformer Commissioning.
- 2.6. Installing for natural gas transfer pumps.
- 2.7. Weekly progress meeting.
- 2.8. Pre-Commissioning and commissioning meetings.

## Decibel Engineering Company

### Trainee Project Engineer

Berber, Sudan

(September 2017 - November 2017)

➤ Power plant construction project for Berber Cement factory:

1. Assembling, installing and testing the cooling tower.
2. Installing heavy oil purifier and oil boiling units.
3. Installing motor pumps for heavy fuel oil and cooling water systems
4. Forming the pipe support racks and the steel structure.

## References

Mr. Alamin Hashim Alamin Abdelgadir

Projects Manager

Bash Pharma Company Ltd

Email: aminhashim77@gmail.com

Phone: +249-123968959

Mr. Musaab Hashim Basheer Khalid

Assistant Project Manager

Bash Pharma Company Ltd

Email: Eng.musaab.mok@gmail.com

Phone: +249-912819611

## University Co-operative Training program

### Sudanese Thermal Power Generating Company Ltd

#### Trainee control Engineer

Garri, Sudan

(September 2014 - December 2014)

### NABESCO Petroleum Services

#### Trainee Mechanical engineer

Heglig, Sudan

(September 2013 - December 2013)

## Courses

### Schneider Electric University

Professional Energy Manager Exam Development Path.

(May 2022 – August 2022)

### Aloula for financial & accounting studies

Certified Management Accountant (CMA)-Part 1

(August 2021 – November 2021)

### PM Tricks

Scheduling Professional (PMI-SP)

(June 2021)

Risk Management Professional (PMI-RMP)

(May 2021)

### EPSILON Company Training Centre

CNC Milling Course

(December 2018- February 2019)

### Instituto Tecnico Industriale Salesiano - Don Bosco

Cairo, Egypt

(June 2018-December 2018)

CNC Turning Course

(November 2018 – December 2018)

Siemens PLC Training Course

(September 2018 – October 2018)

Classic Control System Training Course

(June 2018 - Aug 2018)

Technical Diploma in Car Mechanics

(June 2018 – Aug 2018)

## Education

### UCSI University

Bachelor's degree (Honors) in Mechatronics Engineering

Malaysia (2013 - 2017)

### UCSI University

Foundation in Science, Malaysia (2012 - 2013)

## Certificates:

*Project Management Professional (PMP) Certification, Project Management Institute, 2021*