

# Mohamed Abdelmonim Suliman Elshiekh

## Contact Information

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## Personal Information

Birth Date: 8 April 1986  
Nationality: Sudan  
Residence Country: Khartoum, Sudan  
Marital Status: Married  
Driving License Issued From: Sudan

## Experience

### 1- Civil Engineer

**Centroid Technical Services**-Location: Al Khartoum, Sudan  
**PMC of(Greater Nile Petroleum Operating Company).**  
**Company Industry:** Oil/Gas  
**Job Role:** Engineering  
February 2013 – Present



#### Responsibilities / Main duties:

- 1- Supervision of construction activities in oil and gas various locations and ensuring that work is done properly and in timely manner.
- 2- Preparing daily Progress Report for the running projects.
- 3- Monitoring and controlling of running activities and reviewing documents (Drawings,BOQ,Inspection formats,etc.).
- 4- Preparing Scope of Work for proposed projects.
- 5- Coordination with other project engineering disciplines (Mechanical/Electrical/Process/Safety).
- 6- Preparing project punch lists and documents for project closing.

#### Projects:

##### 1- Heglig Base Camp Extension:

- i. Supervision of construction of new kitchen (composite structure concrete & steel structure), checking and reviewing all drawings and specifications and other related documents.
  - a. Inspection of deep concrete pile foundations, pile cap, concrete slab, assuring concrete mix at site same to mix design, checking cube test result, tensile test of steel bar and pile load test.
  - b. Inspection of embedded anchor bolts before concrete casting and installation of steel structures columns, purling, bracing members ... etc, checking torque value of bolts and installation of sandwich panel roof.
  - c. Inspection of other activities such as brick work, plastering, painting, tiles, installation of false ceiling, plumbing for water supply & drainage and checking hydro-test.

- ii. Supervision of construction of accommodation units (composite structure concrete deck slab & steel structure).
    - a. Supervision of steel driven pile hammering up to designed depth, inspection of welding of pile caps, installation of steel beams, dead shuttering and concrete deck slab casting.
    - b. Inspection of installation of partitions and roof (sandwich panel type), gypsum boards, painting, false ceiling, tiles, plumbing and sanitary work.
- 2- Heglig Airport Upgrading:**
- i. supervision of **Terminal Building** and **Control Tower** Upgrading civil work (concrete floor slab, tiles fixing, gypsum board installation, false ceiling, water supply and sanitary, water sewage system, glazed panels installation) in addition to coordinate with other discipline.
  - ii. supervision of **Runway construction**, Asphalt road and car parking (back-filling and compaction of sub-grade, sub-base, base layers and laying of binder and wearing coarse asphalt layers, Runway marking and fence installation). In addition to supervision of laboratory test (Compaction test, Sieve analysis, Atterberg limits, CBR, Extraction test and Marshall test)
- 3- Warehouse Restructuring:**  
Supervision of hammering steel piles, steel structure installation, corrugated iron sheet installation, H-brick wall construction with plastering and painting, sandwich panels installation, gypsum board installation, tiles fixing and false ceiling installation).
- 4- Export crude oil quality improvement at CPF:**  
Supervision of Off Spec Tank foundation, related pipe supports and pump foundations, Duties, share on detail design calculations and analysis of concrete ring beam and foundations, deep excavation on black cotton soil and replacement with non-expansive soil for elimination of foundation settlement for structures, supervision of pipe support activities, preparing daily progress reports and attending the commissioning of the system.
- 5- Field surface Facilities (FSF):**
- i. Supervision of the erection and casting of concrete poles for high transmission lines, setting out and driving steel piles above ground piping, OGMs and RMU building, concrete casting of foundation for ESP skid and CIS skid, excavation and backfilling of flow-lines / trunk-lines
  - ii. Inspection of civil activities related to Beam Pump Unit (BPU), setting out, hammering of steel piles, cap plate welding, steel structure fabrication and erection.
- 6- Repair of Heglig Bioremediation System:**  
Supervision of repairing work for system bonds side slopes, Backfilling and construction of side slopes, Repairing of internal roads, Performing compaction test

## 2- Civil QC Inspector

**Centroid Technical Services-Location:** Al Khartoum, Sudan

**PMC of (Star Oil Petroleum Operating Company).**

**Company Industry:** Oil/Gas

**Job Role:** Engineering

July 2012 - December 2012



### Responsibilities / Main duties:

- 1- Inspection and supervision of civil work in oil and gas field.
- 2- Preparing daily Progress Report for the running projects.
- 3- Following up and reviewing documents (Drawings, BOQ, Inspection formats, etc.).
- 4- Coordination with other project engineering disciplines (Mechanical/Electrical/Process/Safety).
- 5- Preparing project punch lists and documents for project closing.

**Projects:****1- FIELD SURFACE FACILITIES**

Supervision and inspection of civil works: grading, fencing, graveled internal access-way, concrete drain sump and foundation, Crash barriers for protection of wellhead installation

**2- OPERATION BASE CAMP AND ACCESS ROADS**

Supervision and inspection of civil works: surveying work, grading, fencing, casting of concrete foundations

**3- Early production Facilities**

Supervision and inspection of civil works: construction of tank bund wall, inspection of tank hydro-test, steel driven piles for pipe supports, pipe rack and equipments.  
inspection of concrete work for storm drainage system, retention pond, lighting poles foundation and foundations for junction box.

### 3- Junior Civil Engineer

Centroid Technical Services-Location: Al Khartoum, Sudan

PMC of (Greater Nile Petroleum Operating Company).

Company Industry: Oil/Gas

Job Role: Engineering

May 2011 - March 2012

**Responsibilities / Main duties:**

- 1- Inspection and supervision of civil work in oil and gas field.
- 2- Preparing daily Progress Report for the running projects.
- 3- Following up and reviewing documents (Drawings,BOQ,Inspection formats,etc.)

**Projects:****1- FIP 4B, Detail design and construction of Sludge Pit at Heglig CPF:**

Carrying out Survey and layout of foundations, deep excavation on black cotton clay and Soil replacement, casting reinforced concrete foundation, erection of fencing and attending the commissioning of the system.

**2- FIP-5A -240, Gas Venting system at Bamboo oil Field:**

Following survey and setting of foundations of Knock out drum, valve chambers and driving of steel piling for Piping and Vent stack system, deep excavation on black cotton soil and replacement with non-expansive soil and attend the hazop during detail design.

**3- FIP-5A-264, Provision of diversion of crude oil from FPF to new CPF:**

Following the survey work and setting out of pipe supports and attend the hazop during detail design.

**4- New pipe lines Canar MFF to NFPF and NEEM FPF to Heglig FPF:**

Supervision of investigation tour along the line and attend the hazop for basic conceptual design.

**5- Field surface Facilities(FSF):**

supervision the erection and casting of concrete poles for overhead transmission lines, Casting skid foundations at well sites, and casting concrete foundation for shunt reactors at NEEM Well site, setting out and driving steel piles for power upgrading for Heglig power plant at Central Processing Facilities CPF

## 4- Civil Engineer

MNM for Investment -Location: Al Khartoum, Sudan

Company Industry:Construction

Job Role: Engineering

Jul 2010 - Feb 2011

### Responsibilities / Main duties:

- 1- Supervision of earthwork, concrete,plumbing and finishing activities.
- 2- Inspection of civil materials (brickwork,water proof, steel structure,Plumbing and finishing materials).
- 3- Preparing Progress Report for the running activities.
- 4- Coordination with other disciplines (Mechanical/Electrical).

## Education

### BE in Civil Engineering (Structure).

Sudan University of Science and Technology

Location: Sudan

Completion Date:15<sup>th</sup>October 2009

## Skills

- 1- Inspection and supervision of civil work related to oil and gas.
- 2- Implementation of projects within schedule plan based on the client specification and standard codes
- 3- Project planning using Primavera.
- 4- Structural analysis and design using ETABS, Safe and Prokon.
- 5- Computer (Windows, Word, Excel, PowerPoint and AutoCAD).

### 6- Interpersonal Skills:

- Quick learner
- Out-going
- Social and community service
- Planning oriented
- Working with other as team member
- Time management oriented

## Languages

English, Arabic

## Memberships

### Sudan Engineering Council

Membership/Role: **Member**

### Sudan Engineering Society

Membership/Role: **Member**

## Training and Certifications

Course Title	institute	Location/Date
Construction Quality Control On Site	EcoMan Middle East for Economic & Managerial Development LLC (EcoMan)	UAE (Dubai) / NOV 2017
Inspection, Assessment, repair and design of concrete structure in petrochemical plants.	Suretrack for Training and Human Development Center	Sudan (Khartoum) / Nov 2016
Structural Analysis and design using <b>ETABS 2013</b>	Lamark Training Center	Sudan (Khartoum) / Feb 2016
<b>PMP</b> Preparation Course	Milestone Training Center	Sudan (Khartoum) / Aug 2015
Project Planning and control using <b>Primavera P6</b>	Sudanese Planner Engineering	Sudan (Khartoum) / Feb 2014
HSE- Management System	GNPOC Training Center	Sudan (Khartoum) / Sep 2011
HSE orientation & awareness	GNPOC Training Center	Sudan (Heglig) / June 2011