

**Ahmed Osman Osman Atiek, M.Eng., P.Eng., P.E.,
MIEAust CPEng, CEng, MRINA**

Address: 109 West Arabella, Fifth Settlement, Cairo, Egypt

Mobile: (+20) 100 14 15 762

E-mail: ahmed.atiek@horizon-es.com

Work experience:

1- 08/13/13 till Present

Horizon (Honor) Engineering Solutions

Position: General Manager & Co-Founder (Egypt – United Arab of Emirates)

Horizon (Honor) Engineering Solutions is a company that provides engineering services for both onshore and offshore structures. These services include oil & gas, industrial, commercial and residential structures. Our company enables companies to optimize their operational effectiveness and operate in much safer environment.

Programs used in analyses: SolidWorks & Sap 2000

Job duties include:

- Responsible for creating positive relationships with clients, subcontractors, vendors and operating divisions of the company, ensuring a high degree of cooperation to achieve the best possible results.
- Organize technical discussions with clients, subcontractors and vendors in order to specify designs or systems necessary for an engineering project.
- Discuss project specifications with clients and present proposals, engineering reports and findings.
- Analyze technology, needed resources and market demand to plan and assess the feasibility of projects.
- Prepare budgets, bids and contracts.
- Direct, analyze, review and approve engineering designs, drawings and calculations in compliance with classification and regulatory rules and ensure adequate standards of safety are incorporated.
- Plan and control operations, quality assurance, testing, installation or maintenance of engineering systems.
- Coordinate with subcontractors and vendors to assure all regulatory and classification body's requirements are met in all cases of equipment fabrications, installation and repair.
- Evaluate existing designs of engineering systems to determine the operational effectiveness, safety and relative cost of such systems.
- Hire, train, and mentor engineers and supporting staff.
- Assign, coordinate and review the technical work of engineering department to ensure the quality of the design criteria is met.
- Monitor performance of individual contributors and help managing their professional development in required areas.
- Write performance appraisals and solve internal issues.

- May perform inspections and attend tests of construction work to ensure compliance with approved drawings, workmanship standards and contract specifications.
- Support and assist rigs operations staff, or shipyard teams, with their technical queries and coordinate resolution as required.
- Attend, when requested, vessel inspections to define the scope of work required for equipment additions, modifications, repairs and conversions.

2- 07/01/2009 till 07/31/2013

Transocean Offshore Deepwater Drilling Inc.

Position:

Senior Structural Design Engineer (Engineering & technical support - Cairo Office)

Description: Performing structural analyses and technical calculations (using AISC, AWS, ABS & DNV codes) and producing design drawings required for various steel constructions onboard offshore Rigs.

Rigs motion conditions and current effect are taken into consideration while performing structural analyses.

Programs used in analyses: SolidWorks & StruCAD*3D offshore analysis

Types of designed steel structures: Platforms, sheds, walkways, Lifting frames, equipment's foundations, Pedestrians bridges.....etc.

Also Job duties include:

- Writing and checking of design reports and calculation sheets and submitting them to get class approval when required.
- Supervising and co-ordinating junior engineers and draughtsmen.
- Liaising with material and equipment suppliers.
- Attending Rigs inspections all over the world to define the scope of work required for equipment additions and Rigs modifications.
- Performing rig survey/data collection trips all over the world.
- Attending shipyards projects all over the world to provide onsite engineering support during rigs modifications.

Attended shipyards projects:

1- Lamjana Shipyard in Croatia – February 2010

2- Dubai Drydocks – August 2011

- Updating Rigs drawings affected by modifications to keep marketing drawings current.
- Providing support to operations staff, shipyard teams and marketing staff in response to their technical queries.
- Evaluating existing designs of engineering systems to determine the operational effectiveness, safety and relative cost of such systems.

3- 08/01/ 2008 till 06/30/2009

EMCON (Engineering Metal Construction)

Position: Structural Engineer (Cairo Office)

Description: Performing structural analyses and technical calculations (Using Egyptian code of practice) and producing design drawings required for various new steel constructions.

Program used in analyses: Sap 2000

Types of designed steel structures: Factories, Sheds, multi-story buildings, pedestrians bridges, hangers....etc.

Also job duties include:

- Preparation of design and estimation related to Pre-Engineered Buildings (PEB) to meet the optimization.
- Performing Quantity Surveying required for tenders.
- Responsibility for checking of erection drawings, shop details related to PEB.
- Performing inspections to ensure compliance of construction work with approved drawings and contract specifications.
- Performing strengthening for existing steel structures.

Educational background:

▪ **Post-graduate Achievements:**

- 1- 2020: **Chartered Engineer (CEng)
Engineering Council**
- 2- 2020: **Member (MRINA)
The Royal Institution of Naval Architects**
- 3- 2018: **Chartered Professional Engineer (MIEAust CPEng)
The Institution of Engineers Australia**
- 4- 2018: **Professional Engineer (P.Eng.)
SK, Canada: Association of Professional Engineers and Geoscientists of
Saskatchewan (APEGS)**
- 5- 2015: **Professional Engineer (P.E.) – Structural Department
TX, USA: Texas Board of Professional Engineers and Land Surveyors**
- 6- 2013: **Master of Engineering (M.Eng.) – Structural Department
Faculty of Engineering, Ain Shams University**

▪ **Undergraduate studies:**

**2008: B.Sc. - Civil Engineering, Structural Department
Faculty of Engineering, Ain Shams University**

- Overall Grade: V. Good with Grade of honor (Score = 81.7%)
(Ranked 9th out of 200 Students)

Attended courses / certificates:

- 1- BOSIET (Basic Offshore Safety Induction & Emergency Training).
- 2- OGUK certificate.
- 3- Offshore medical fitness certificate.
- 4- SolidWorks software training.
- 5- ANSYS software training.
- 6- Design of steel structures in accordance with the 2010 AISC specification.
- 7- Primavera P6.

Languages:

- Arabic: Mother tongue
- English: Excellent
- German: Fair

Computer skills:

- Microsoft Windows
- Microsoft Office
- AutoCAD
- Sap2000
- StruCAD*3D offshore analysis
- SolidWorks
- ANSYS
- Primavera P6
- STAAD Pro

Personal profile:

- Nationality: Egyptian
- Military service: Exempted
- Marital status: Married, one kid
- Date of Birth: 29th August 1986
- US VISA B1/B2: Valid till 2021



ARAB REPUBLIC OF EGYPT



AIN SHAMS UNIVERSITY

Certificate

1269



The Faculty of Engineering, Ain Shams University certifies that:

Ahmed Osman Osman Atiek

Student Code: 0300112

Born in: Kuwait

National ID: 28608298800474

Nationality: Egyptian

Has been awarded the Bachelor of Science in Civil Engineering

Major: Structure

Graduated in: June 2008

Cumulative Grade: Very Good with honor , Project Grade: Excellent

Cumulative Marks: 6125 from 7500 Percentage: 81.67%

The duration of study is five years (preparatory + four years) and the study language is English.

Faculty Approval Date: 27/8/2008, University Approval Date: 4/9/2008.

Issued Via

Registrar

DEAN

Issued at: 31/3/2020

Order No.: 21703



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FAU01AAAF10032

ARAB REPUBLIC OF EGYPT



AIN SHAMS UNIVERSITY

Certificate

5558



Ain Shams University, Faculty of Engineering, hereby certifies that

Ahmed Osman Osman Atiek

born in *Kuwait*, on *29/8/1986* ID. No.: *28608298800474*

was awarded the degree of
*Master of Engineering in
Civil Engineering*

“Structural Engineering”

Thesis Applied research title

*“Behavior of Tubular T-joint Subjected to
Basic and Combined Loading”*

With an Overall GPA: (B⁺ 3.44)

Faculty Approval on: *9/9/2013*, and the University Approval on: *27/10/2013*

4 M. Gamal
Registrar
A. Hassan
4-6-2020

Vice Dean
Dina Khalil
Prof. Dina Khalil





TEXAS
BOARD OF

PROFESSIONAL
ENGINEERS

BE IT KNOWN THAT

Ahmed Osman Atiek

HAVING GIVEN SATISFACTORY EVIDENCE OF QUALIFICATIONS
REQUIRED UNDER THE TEXAS ENGINEERING PRACTICE ACT,
TEXAS CIVIL STATUTES, ARTICLE 3271a, IS GRANTED THIS

LICENSE TO PRACTICE AS A

PROFESSIONAL ENGINEER

IN THE STATE OF TEXAS

PROVIDED THIS LICENSE IS NOT REVOKED AND IS RENEWED ACCORDING TO LAW

TEXAS BOARD OF
PROFESSIONAL ENGINEERS

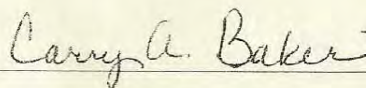
IN WITNESS WHEREOF,

We have hereunto set our hands and affixed the seal of the
Board at the City of Austin, this 2nd day of June, 2015.



SERIAL
NUMBER **120500**


BOARD CHAIR


BOARD SECRETARY



INCORPORATED BY ROYAL CHARTERS 1910, 1960 & 1996

THE ROYAL INSTITUTION OF NAVAL ARCHITECTS

*This is to certify that
on the 19th day of March 2020*

AHMED OSMAN ATIEK

*was elected a Member of
The Royal Institution of Naval Architects*

*A society established to promote the improvement of Ships
and all that specially appertains to them.*

*Signed on behalf of The Royal Institution of Naval Architects
8-9 Northumberland Street, London, WC2N 5DA.*

President

Chief Executive



Engineering Council

*Established for the promotion and development
of the knowledge and good practice of engineering*

This is to certify that

Ahmed Osman Atiek

in membership of the

Royal Institution of Naval Architects

*has been registered by the Engineering Council and is hereby authorised
to use the style or title of*

Chartered Engineer



Registered 03 April 2020
Registration No. 673817

Chairman

Chris Atkin

Chief Executive Officer

Stephen Coates

Date of Issue 06 April 2020

*This Certificate is the property of the Engineering Council and is returnable on request.
It is valid only for so long as the holder remains on the Engineering Council's Register.*



ENGINEERS
AUSTRALIA

CHARTERED

This is to certify that

Ahmed Osman Osman Atiek

MIEAust CPEng

has been elected

Chartered Professional Engineer

of

The Institution of Engineers Australia

in

**Civil Engineering
Structural Engineering
Leadership and Management**

Hon. Trish White

FIEAust CPEng EngExec NER
APEC Engineer IntPE(Aus) FAICD
National President & Chairman

Peter McIntyre

FIEAust CPEng EngExec NER
APEC Engineer IntPE(Aus)
Chief Executive Officer

The Association of Professional Engineers and Geoscientists of Saskatchewan

This is to Certify that

Ahmed Osman Atiek

*was registered as a Member on February 20, 2018 in accordance with The Engineering
and Geoscience Professions Act and is entitled to take and use the title of*

Professional Engineer

*In Witness Whereof We have herunto affixed the official seal of
The Association of Professional Engineers and Geoscientists of Saskatchewan*



David Donald
Registrar

[Signature]
President

Certificate No. 40589

A member must attach the annual licence to this certificate.





جمهورية مصر العربية
Arab Republic of Egypt

شهادة

Certificate

The Syndicate Of Engineers Hereby

Certifies That Mr. Engineer

Holder Of

From

Graduation Date-Semester

Syndicate Registration Date

Section

Branch

Membership No

Last Degree - From

& Its Date

CAIRO 12/10/2020

VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE

SECRETARY-GENERAL

AHMED OSMAN OSMAN ATIEK

B. SC. ENG.

AIN SHAMS UNIVERSITY

JUNE 2008

27/12/2008

CIVIL ENG.

3/2008/3602575/3

MASTER IN ENGINEERING

AIN SHAMS UNIVERSITY 2013

احمد عثمان عثمان عتيق

بكالوريوس الهندسة

جامعة عين شمس

يونيو ٢٠٠٨

٢٠٠٨/١٢/٢٧

الهندسة المدنية

٣/٣٦٠٢٥٧٥/٢٠٠٨/٣

ماجستير في الهندسة

جامعة عين شمس ٢٠١٣

تشهد نقابة المهندسين بأن

السيد المهندس /

ألتاصل على

من

الدور وتاريخ التخرج

ومفيد بسجلات النقابة بتاريخ

شعبة

التخصص

رقم القيد بالنقابة

آخر درجة علمية والجامعة

وسنة الحصول عليها

القاهرة في ٢٠٢٠/١٠/١٢

هذه الشهادة صالحة لمدة عام واحد فقط من تاريخ إصدارها .

الأمين العام

ENG./ MAHMOUD MAGHAWRY



م/ محمود مغاوري