
Ahmed Mohammed Fazee Ibrahim, M.Eng., P.Eng., P.E., MIEAust CPEng, CEng, MRINA

123 Banafseg 3, First Settlement, New Cairo, Cairo, Egypt.

Phone: +20 22 2745 826. Cell Egypt: +20 10 0657 3095

Email: Ahmed.Fazee@horizon-es.com

Design & Software Skills

- Ability to use different codes of design such as ECP 203-2007, ACI, AISC, AWS, ABS, RINA API, DNV GL, LSA, MODU, CAB 437 and ICAO
 - Wide range of computer software including AutoCAD, MS Office, SAP 2000, SOLIDWORKS, ANSYS, STAAD Pro and STRUCAD 3D Analysis for offshore structures.
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PROFESSIONAL EXPERIENCE

GENERAL MANAGER & CO-FOUNDER
HORIZON (HONOR) ENGINEERING SOLUTIONS

Aug 13 - Present

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.

- Responsible for creating a positive relationship with the client, subcontractors, vendors, and the 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; present and explain 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.

SENIOR STRUCTURAL DESIGN ENGINEER
TRANSOCEAN OFFSHORE DEEPWATER DRILLING Ltd.

July 09 - Aug 2013

Perform models, technical calculations using **AISC, ABS, AWS, DNV, LSA, API, MODU, ICAO and CAP 437** codes in support for assigned tasks. Prepare Engineering drawings, layouts and construction details as required for various new steel construction projects and rig steel modification projects considering Rig's motion criteria. Modify existing drawings to reflect modifications in order to keep drawings current.

Types of designed steel structures: Platforms, Trusses, Sheds, Walkways, Lifting frames, Equipments' foundation.....etc.

- Attending Rigs' inspections all over the world to define the scope of work required for equipment addition, modifications, repairs and conversions.
- Perform data collection Survey for the rigs all over the world.
- Refurbishment, and upgrades to floating and jack-up offshore drilling units.
- Perform inspections of construction work to ensure compliance with approved drawings, standards and company's polices.
- Evaluate existing designs of engineering systems to determine the operational effectiveness and safety.

- Prepares the as-built drawings for modifications made to rigs and updating other existing drawings that are affected by modifications to keep marketing drawings current.
- Supporting the operations staff (Rig team), shipyard teams and marketing staff in response to technical queries.
- Supervise and coordinate team of Design Engineers and Draftsmen.

Shipyard Experience:

- Attended Rig High Island IV project in Dubai Dry-Docks **2011** to provide on site engineering assistant and to ensure compliance with approved drawings.
- Supported Rigs High Island II, High Island IX, Main Pass I & Main Pass IV projects in Dubai Dry-Docks **2012 & 2013**.

PROFESSIONAL EXPERIENCE (CONTINUED)

STRUCTURAL ENGINEER

July 08 – June 09

TEBR CONSULTING

Technical Studies & Engineering Consultations Bureau

Perform models, technical calculations using **ECP 203-2007, ACI, and UBC 97** codes in support for assigned tasks. Prepare Engineering drawings, layouts and construction details as required for various new Reinforced concrete construction projects and existing RC modification projects. Modify existing drawings to reflect modifications in order to keep drawings current.

Types of designed RC structures: Multi-story/high rise buildings, Administrative buildings, Hotels, Malls, Residential buildings, Electrical Power Planet, Villas, health club buildings, some facilities for the ARMY.....etc.

- Attending meetings with the owners and Architectural Engineer to define the scope of work required.
- Perform layouts and presentations for the owner to discuss plans and progress of work.
- Perform inspections and attend tests of construction work to ensure compliance with approved drawings, contract specifications.
- Review and approve structural drawings and calculations as Consultant.
- Evaluate existing designs of RC structures to determine the operational effectiveness, safety, and relative cost of such structures.
- Perform Strengthening for various RC structures.
- In addition to review and approve structural drawings as consultant for the **Egyptian Authority of construction (AL Mogamaa Ashryia)**.

Training and Courses

- SolidWorks FEM software **2011**
 - Ansys FEM software **2012**
 - Basic Offshore Safety Induction and Emergency Training (BOSIET) **2012**
 - Design of steel structures in accordance with 2005 AISC specifications **2012**
 - Primavera P6 **2012**
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Professional & Educational Development

- Chartered Engineer (CEng) Engineering Council in UK **2020**
 - Member (MRINA) The Royal Institution of Naval Architects **2020**
 - Member & Chartered Professional Engineer (MIEAust CPEng) Engineers Australia **2018**
 - Professional Engineer (P.Eng.) The Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) **2018**
 - Professional Engineer (P.E.) Texas Board of Professional Engineers and Land Surveyors Structural Discipline **2016**
 - Master Of Engineering Civil Engineering Structural Department Ain Shams University, Cairo, Egypt **2013**
 - Bachelor Of Science Civil Engineering Structural Department Ain Shams University, Cairo, Egypt **2008**
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Language Skills

- Arabic: Native Language
 - English: Professional Communications Level
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Personal Information

- Date of Birth Place of Birth Nationality Gender
October 21st, 1985 K.S.A. Egyptian Male
- Marital Status Military status USA Visa
Married Exempted B1/B2 (Valid till 2021)

References are upon request.



ARAB REPUBLIC OF EGYPT



AIN SHAMS UNIVERSITY

Certificate

1267



The Faculty of Engineering, Ain Shams University certifies that:

Ahmed Mohammed Fazea Ibrahim

Student Code: 0200174

Born in: Saudi Arabia

National ID: 28510218800711

Nationality: Egyptian

Has been awarded the Bachelor of Science in Civil Engineering

Major: Structure

Graduated in: June 2008

Cumulative Grade: Good , Project Grade: Very Good

Cumulative Marks: 5152 from 7500 - Percentage: 68.69%

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

Handwritten signature

Handwritten signature

Handwritten signature

Issued at: 30/3/2020

Order No.: 21705



ARAB REPUBLIC OF EGYPT



AIN SHAMS UNIVERSITY

Certificate

5563

Ain Shams University, Faculty of Engineering, hereby certifies that

Ahmed Mohammed Fazea Ibrahim

born in *Saudi Arabia*, on *21/10/1985* ID. No.: *28510218800711*

was awarded the degree of

*Master of Engineering in
Civil Engineering*

“Structural Engineering”

Thesis Applied research title

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

With an Overall GPA: (B⁺ 3.31)

Faculty Approval on: *9/9/2013*, and the University Approval on: *29/10/2013*

Y. M. Gamal
Registrar

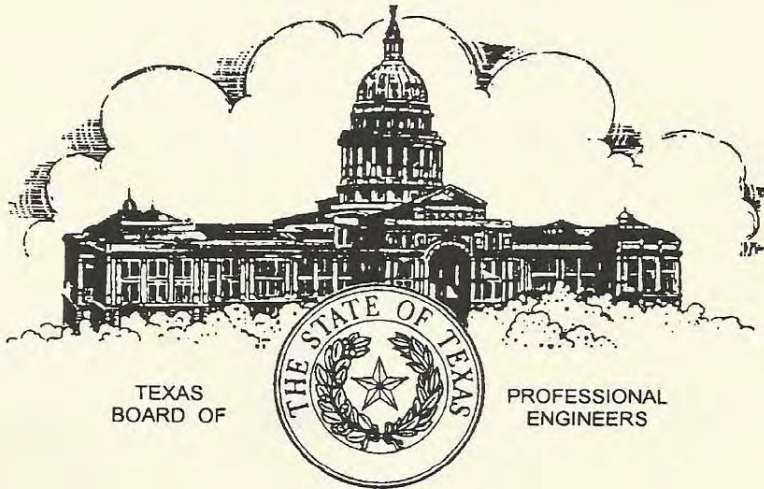
A. Hassan

4-6-2020

Vice Dean

Diaa Khalil
Prof. Diaa Khalil





TEXAS
BOARD OF

PROFESSIONAL
ENGINEERS

BE IT KNOWN THAT

Ahmed Mohammed Fazea Ibrahim

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**

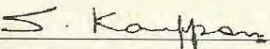
IN WITNESS WHEREOF,

We have hereunto set our hands and affixed the seal of the
Board at the City of Austin, this 7th day of April, 2016.



SERIAL
NUMBER **122901**


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 MOHAMMED FAZEE IBRAHIM

*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 Mohammed Fazee Ibrahim

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. 673837

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 Fazee
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 Mohammed Fazeel Ibrahim

*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 hereunto affixed the official seal of
The Association of Professional Engineers and Geoscientists of Saskatchewan*

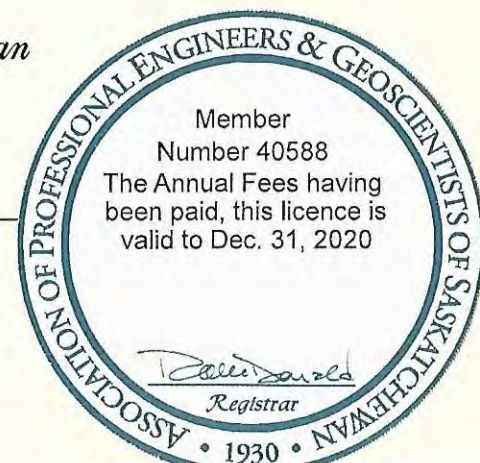


[Signature]
Registrar

[Signature]
President

Certificate No. 40588

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 06/11/2019

VALID FOR ONE YEAR FROM THE DATE OF ISSUANCE

SECRETARY-GENERAL

AHMED MOHAMMED FAZEE IBRAHIM

B. SC. ENG.

AIN SHAMS UNIVERSITY

JUNE 2008

29/09/2008

CIVIL ENG.

STRUCTURES

3/2008/3600181/3

MASTER IN ENGINEERING

AIN SHAMS UNIVERSITY 2013

احمد محمد فازع ابراهيم

بكالوريوس الهندسة

جامعة عين شمس

يونيو ٢٠٠٨

٢٠٠٨/٠٩/٢٩

الهندسة المدنية

انشاءات

٣/٣٦٠٠١٨١/٢٠٠٨/٣

ماجستير في الهندسة

جامعة عين شمس ٢٠١٣

تشهد نقابة المهندسين بأن

السيد المهندس/

الحاصل على

من

الدور وتاريخ التخرج

ومقيد بسجلات النقابة بتاريخ

شعبة

التخصص

رقم القيد بالنقابة

آخر درجة علمية والجامعة

وسنة الحصول عليها

القاهرة في ٢٠١٩/١١/٠٦

هذه الشهادة صالحة لمدة عام واحد فقط من تاريخ إصدارها .

الأمين العام

١٢/١١/٢٠١٩

ENG./MAHMOUD MAGHAWRY



م/ محمود مغاوري