

# ENGINEERING HORIZONS GROUP

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Bringing Technology To Your Horizons



Engineering  
Horizons



# Training and Mentoring Profile



A Technology Solutions Company

# CONTENT

 About Engineering Horizons

 Message From The CEO

 Business Model

 Engineering Horizons Training  
and Mentoring

 Experience

 Contact Details

# About Engineering Horizons



Engineering Horizons is an established company defining advanced technical solutions for clients globally, the company was originally formed in 2006 as the UK registered, more recently in 2019 and 2021, the company has established its Iraq and UAE registered entities that allow us direct access to the lucrative Iraqi and GCC markets.

The company has access to a number of extremely talented and industry-recognized individuals that allow Engineering Horizons to provide truly world-class service. While we do not own our own products, our strengths are in harnessing the best of the technologies available on the market and applying these in the best way to obtain the most optimal solutions for our clients.

We have worked in the following countries:

- Italy
- The UK
- Egypt
- Libya
- Angola
- Turkey
- Jordan
- Iraq
- UAE
- Qatar



# Message From The CEO



Our goal is to achieve technical excellence for our clients and customers, this can only be achieved through our people. Pushing the technological boundaries is achieved through having motivated and skilled staff.

Our industry is moving more and more into the digital space, with digital oilfield technology, automation, big data and data science taking over, we want to ensure that our clients stay ahead of the competition.



Engineering Horizons is an international upstream oil and gas services company providing technical expertise and cost-effective technology solutions to clients globally. We have an internationally experienced culturally diverse and highly skilled team of professionals who are determined to provide innovative and efficient solutions to our clients and help them to achieve their objectives.

Our core business has been consultancy and training which have proved to be extremely important and valuable to obtain our recognized status, trust in clients, and recognition for our capabilities. Our move into the middle east through the opening of our UAE and Iraq offices has been a key step forward to further open new avenues for the business including Digital and Technology deployments as well as the sale of Quality Products, but with the core business remaining to be consultancy and training in the fields of Petroleum/Reservoir Engineering with an extra focus on Artificial Lift.

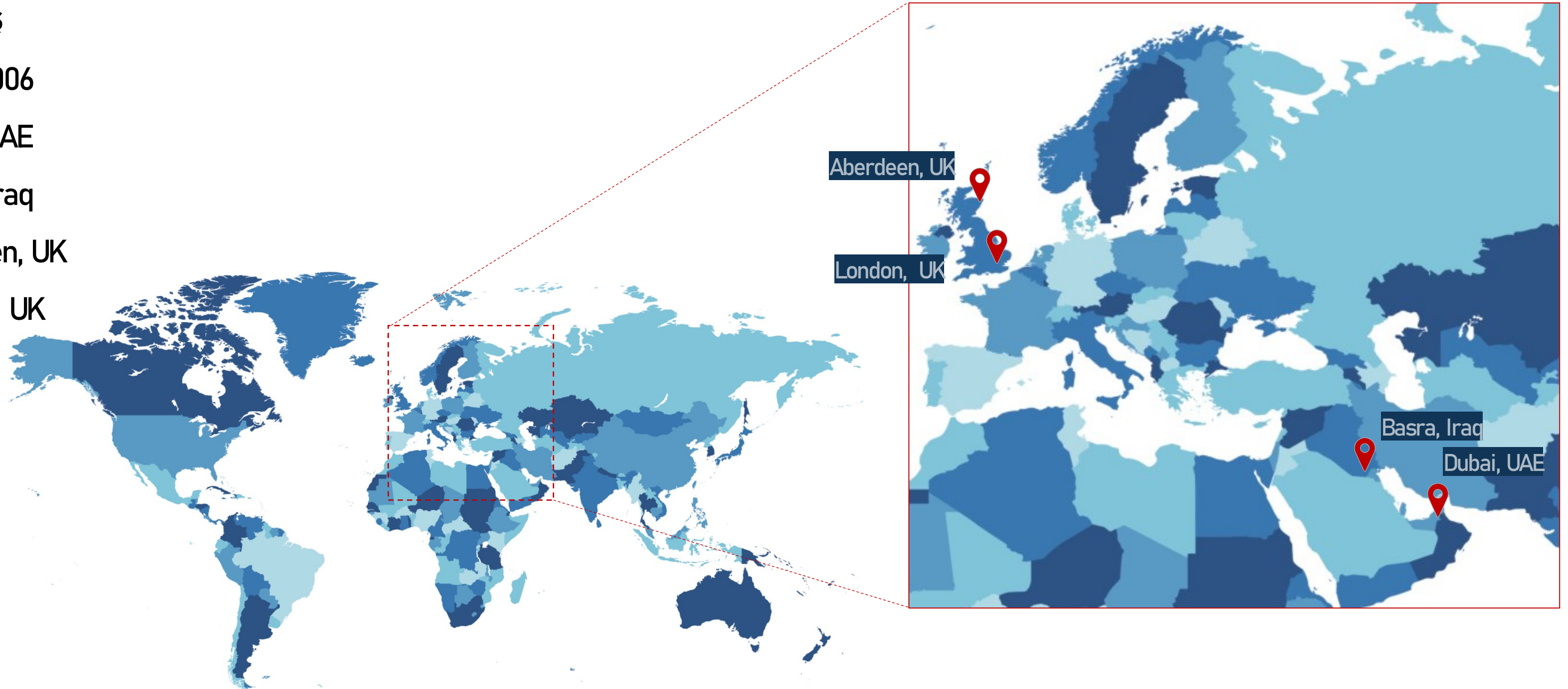
Our strategy is to have key partnerships and relations with world-class suppliers that can provide us with the products that are unique within the industry to allow us to provide the most appropriate technology solutions for our clients.



# Engineering Horizons Offices

## Locations

- Since 2006
- Dubai, UAE
- Basra, Iraq
- Aberdeen, UK
- London, UK



# Engineering Horizons Training and Mentoring

## Training and Mentoring

Engineering Horizons offers training courses in many disciplines within the petroleum engineering domain. The courses (theoretical and/or practical) are held by petroleum engineering experts with strong academic basis and years of experience in oil and gas industry.

In addition to the standard available courses, we can also run other Oil & Gas related courses on demand. We also have standing agreements with global training companies, and we can call upon their expertise for courses that we do not normally run internally.





## Training and Mentoring

- Specialized instructors in Petex software and Artificial Lift

Engineering Horizons has Petex Certified personnel who have completed the intensive Petex IPM Certified Training Provider program and is fully acquainted with Petex training materials, methodology and philosophy.

As an Authorised Training Provider personnel have full access to the latest Petex training manuals & the Petex technical support team in Edinburgh.

# Letters of Authorization & Authorized Training Provider



Date: 05 April 2023

Ref.: LtAuth\_EH230101

Subject: Letter of Authorization

This letter is to introduce Engineering Horizons For Oil Services Company (EH) and explain their roles and responsibilities in relation to Petroleum Experts Limited's (Petex) business.

EH is an independent Iraqi registered company who provide several petroleum engineering services including consultancy and training in Iraq and other countries worldwide.

EH is Petex's exclusive business development representative in Iraq entering an agreement in January 2023. EH is authorised to assist Petex clients in providing prices, processing an order, invoicing, and payment of licence purchase/rental/maintenance from Petex software applications.

EH is authorised to handle the commercial discussions with our input. Please note that any terms and conditions will be those under the Petex Software Licence Agreement. EH or its representatives are not authorized to modify or agree any terms and conditions on behalf of Petex. Further the software maintenance and support for Petex's products will be provided by Petex directly. EH may provide other services on their own behalf also.

This letter is valid until 10<sup>th</sup> January 2025.

Thank you for your kind attention to the above.

Yours sincerely,

Lynn Marshall  
Director  
Petroleum Experts Limited



Signed at Edinburgh on 5 April 2023 by Lynn Marshall before me, Heron Louis Alkhafaji, 3 Melville Street, Edinburgh, Notary Public



Date: 02 February 2023

Ref.: LtTrain\_EH230102

## PETROLEUM EXPERTS LIMITED AUTHORISED TRAINING PROVIDER

We, Petroleum Experts Limited (PETEX), hereby confirm that Yaser Salman of Engineering Horizon For Oil Services Company is approved by Petex to deliver the following courses:

Course Title	Duration
Integrated Production Modelling	5 Days

Yaser Salman successfully completed the intensive Petex IPM Certified Training Provider programme in and is fully acquainted with Petex training materials, methodology and philosophy.

As an Authorised Training Provider, he has full access to:

- The latest Petex training manuals
- The Petex technical support team in Edinburgh

If you require any further information, please contact Petex at [edinburgh@petex.com](mailto:edinburgh@petex.com)

For and behalf of Petroleum Experts Limited

Lynn Marshall  
Director  
Petroleum Experts Limited

APOSTILLE (Convention de La Haye du 5 octobre 1961)	
1. Country: Pays / Pais:	United Kingdom of Great Britain and Northern Ireland
<b>This public document</b> Le présent acte public / El presente documento público	
2. Has been signed by a été signé par ha sido firmado por	Heidi Archibald
3. Acting in the capacity of agissant en qualité de quien actúa en calidad de	Notary Public
4. Bears the seal / stamp of est revêtu du sceau / timbre de y está revestido del sello / timbre de	Not applicable
<b>Certified</b> Attesté / Certificado	
5. at à / en	London
6. the le / el día	14 April 2023
7. by par / por	His Majesty's Principal Secretary of State for Foreign, Commonwealth and Development Affairs
8. Number sous no / bajo el numero	APO-V6NU-H2T3-AU02-35HJ
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CONSULAR SECTION  
AUTHENTICATION  
LONDON

NO: 1359  
Date: 21/04/23

We approve the validity of the seal and the signature  
والقسم غير مسؤول عن صحتها

The Consul  
القنصل

لنائب القنصل  
وسام فائق الخفاجي  
V. Consul Wisam Faq AL-khafaji

## Modern Day Gas Lift Course



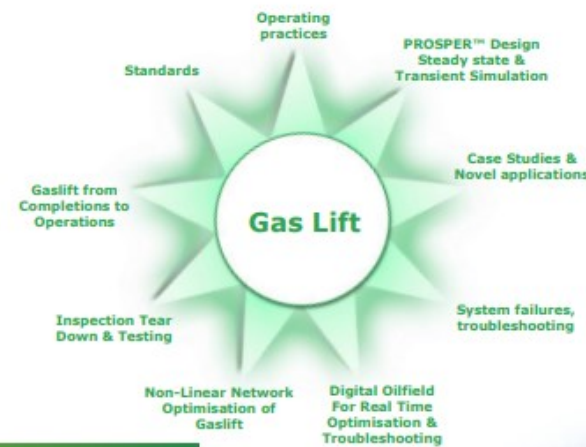
Virtual Online Training

**CONTACT US**

info@eng-horizons.com

**Gas Lift Training Course**

EH presents a 3 day deep dive into the world of Gas Lift. Through this interactive course we introduce theory, gas lift best practices, design and practical interaction with Gas Lift tools. This course was put together through a collaboration of EH & Ridge Gas Lift SME network to create a **BEST-IN-CLASS** platform to truly understand and appreciate how to live with Gas Lift in the modern day oilfield .



**Instructor: Yaser Salman**

+20 years experience  
Shell, BP, Petroleum Experts, Petro-Canada, Talisman Energy, Suncor



SUBSURFACE / WELLS / ENGINEERING / CONSTRUCTION & COMMISSIONING / OPERATIONS

Day 1: Setting The Context			
Time		#	Topic
08:30	09:30	1	Introduction
09:30	10:00	2	Industry Standards
10:00	10:15	3	Well and wellbay hardware
10:15	10:45		Break
10:45	11:15		Well and wellbay hardware
11:15	13:00	4	Gas Lift hardware
13:00	13:20		Day 1 Knowledge Check & Wrap-up
Day 2: Setting the Context / Designing for Gas Lift			
Time		#	Topic
08:30	09:15	5	Vendor Examples
09:15	10:00	6	Hands-on walk-through operator's Gas Lift design process
10:00	10:15	7	Gas Lift Process and Considerations
10:15	10:45		Break
10:45	11:30	7	Gas Lift Process and Considerations
11:30	13:00	8	Hands-on walk-through operator's Gas Lift design process
13:00	13:20		Day 2 Knowledge Check & Wrap-up
Day 3: Designing for Gas Lift / Living with Gas Lift			
Time		#	Topic
08:30	09:15	9	Gas Lift design process from a Vendor's perspective
09:15	10:00	10	Casing, tubing, wellheads, ASV's
10:00	10:15	11	Well Barriers & Stress analysis
10:15	10:45		Break
10:45	11:15	11	Well Barriers & Stress analysis
11:15	12:00	12	Installation and unloading
12:00	13:00	13	Operating Practices
13:00	13:20		Day 3 Knowledge Check & Wrap-up
Day 4: Living with Gas Lift			
Time		#	Topic
08:30	10:15	14	Optimisation of wells and networks
10:15	10:45		Break
10:45	11:30	14	Optimisation of wells and networks
11:30	12:00	15	System failures, troubleshooting
12:00	12:30	16	Remedial Gas Lift installations
12:30	13:00	17	Novel applications
13:00	13:20		Day 4 Knowledge Check & Course Summary
	13:20		End of course



**NOTE: All timings are local time CET (GMT+2)**



# Engineering Horizons Training and Mentoring



## Training and Mentoring



## Training

Date / Location	Client / Location	Course Title
Edinburgh, UK June 2013	BP Iraq – R00 / Iraq	IPM Extended Standard Course
San Donato, Italy November 2013	ENI Italia / Italy	2 x IPM Standard Course
Luanda, Angola January 2014	XLGeo / Angola	IPM Standard Course
Amman, Jordan March 2014	BP Iraq – R00 / Iraq	IPM Extended Standard Course
Istanbul, Turkey April 2014	BP Iraq – Kirkuk / Iraq	IPM Standard Course
Istanbul, Turkey November 2014	BP Iraq – R00 / Iraq	IPM Extended Standard Course
Istanbul, Turkey December 2015	ExxonMobil West Qurna 1 / Iraq	IPM Extended Standard Course

## Training

Date / Location	Client / Location	Course Title
Cairo, Egypt December 2017	Apache Egypt / Egypt	IPM Standard Course
Cairo, Egypt January 2019	SAPESCO / Egypt	IPM Standard Course
Stavanger, Norway February 2021	Ridge AS / Norway	Specialist Gas Lift Course
Rome, Italy May 2021	Harbour Energy / Vietnam Alpha Petroleum / UK MOL / Hungary	Specialist Gas Lift Course
Dubai, UAE June 2022	Silverwell Energy / UAE	Prosper / Gas Lift Course
Dubai, UAE February 2023	Mubadala Energy / UAE	IPM Standard Course
Basra, Iraq October 2023	ExxonMobil West Qurna 1 / Iraq	TTSF LWD & MWD Advanced Course

# Contact Details

## UAE OFFICE



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PO Box 53852



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## IRAQ OFFICE



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[www.eng-horizons.com](http://www.eng-horizons.com)  
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