

Essa Alfenais

Chemical Engineer

SUMMARY

Dedicated and motivated Chemical Engineer seeking an entry level position that provides the opportunity to apply my technical background as well as participating in achieving the organization goals.

WORK EXPERIENCE

Cementing Engineer

Nov 2019 - Nov 2020

National Petroleum Technology (NESR)

Dammam

- Exposed to on the field activities such as rigging up/down irons, mixing the chemicals, and pumping cement.
- Research and perform experiments on the cement we use to pump in the oil wells.
- Adding of chemicals and additives to control the viscosity, thickening time, and cement strength.

Quality Control Engineer

Jul 2018 - Jan 2019

ESPAC Building Company

Dammam

- Received raw materials for production processes to ensure they met company's high standards.
- Determined failure rates and pinpoint areas to reduce those numbers.
- Performed visual inspections for final products to ensure they met all desired criteria.

EDUCATION

Bachelor Degree in Chemical Engineering. (June, 2017)

King Fahd University of Petroleum and Minerals (KFUPM)

SKILLS

Leadership

Teamwork

Time Management

Communication

Working Under Pressure

Microsoft Office

COURSES

Qualifying Program for Graduate Engineers

Oct 2020

Saudi Water Academy of the Saline Water Conversion Corporation (SWCC)

The program was separated into two parts, 16 weeks of effective courses and 5 weeks On Job Training (OJT).

Some of the courses studied:

- OSHA.
- Introduction to Mechanical Equipments.
- Heat Transfer.
- Boiler Technology.
- Desalination Processes.

- Reverse Osmosis Technology.
- Water Treatment.
- P&ID Reading.
- Process Measurement and Control
- Utility System.
- Corrosion and Scaling Prevention.

REFERENCES

Ahmed Alamry

General Director of the Saudi Water Academy.

SWCC
0505970391

Hassan Hummadi

Operation Engineer

SWCC
0541993848

Mohammed Alqahtani

Thermal Instructor

SWCC
0503066080

Ministry of Education
King Fahd University of Petroleum & Minerals
DEANSHIP OF ADMISSIONS & REGISTRATION
(036)



وزارة التعليم
جامعة الملك فهد للبترول والمعادن
عمادة القبول والتسجيل
(٠٣٦)

Issue Date: July 10, 2017

تاريخ الإصدار: ١٦ شوال ١٤٣٨ هـ

وثيقة تخرج Graduation Certificate

This is to certify that Mr. ESSA YAHYA AHMAD AL-FENAIS, Student ID # 200994210, born 06/07/1990, has completed all formal and academic requirements for the Degree of Bachelor of Science in Chemical Engineering. The Degree is conferred by King Fahd University of Petroleum & Minerals effective June 8, 2017.

تشهد جامعة الملك فهد للبترول والمعادن أن السيد/ عيسى بن يحيى بن أحمد ال فنييس ورقمه الجامعي ٢٠٠٩٩٤٢١٠، وتاريخ ميلاده ١٤١٠/١٢/١٤ هـ، قد أتم بنجاح جميع المتطلبات الأكاديمية للحصول على درجة بكالوريوس علوم في الهندسة الكيميائية، وذلك بتاريخ ١٣ رمضان ١٤٣٨ هـ الموافق ٨ يونية ٢٠١٧ م.

University Registrar
Ahmad A. Al-Dharrab



والذات

مسجل الجامعة

أحمد بن عبد العزيز الضراب

Dean, Admissions & Registration
Saad M. Al-Shahrani

Saad M. Al-Shahrani

عميد القبول والتسجيل

سعد بن محمد الشهراني

Dean, College of Engineering Sciences
Mesfer M. Al-Zahrani



Mesfer M. Al-Zahrani

عميد كلية العلوم الهندسية

مسفر بن محمد الزهراني

Rector of the University
Khaled S. Al-Sultan



Khaled S. Al-Sultan

مدير الجامعة

خالد بن صالح السلطان



National ID # 1070148786

200994210



The Saudi Water Academy Certifies that

ESSA YAHYA AHMED AL FENNAIS

ID

1070148786

Has Successfully Completed Qualifying Program in

Operation Engineering

تشهد الأكاديمية السعودية للمياه بأن

عيسى يحيى احمد ال فنييس

قد اتم بنجاح برنامج تاهلي في

هندسة التشغيل

04/10/2020 to 21/01/2021

١٤٤٢/٠٦/٠٨ هـ

الى

١٤٤٢/٠٢/١٧ هـ

من

Grade (Excellent)

CEU Credits: 38.5

التقدير (ممتاز)

100 /100

100/100

Date of issue 20/01/2021
Accreditation number 231.23



مدير عام الأكاديمية السعودية للمياه
Saudi Water Academy Manager

المملكة العربية السعودية، الأكاديمية السعودية للمياه، الجبيل
Kingdom Of Saudi Arabia – Saudi water academy – AL Jubail
Phone: +966 133 431 465 Fax: +966 133 432 561



AUTHENTICATED TRANSCRIPT

NAME	ESSA YAHYA AHMED AL FENAIS
TRAINEE NO.	1070148786
CYCLE NO	29
SPECIALIZATION	OPERATION
AVERAGE	100.00
DATE OF	04/10/2020 TO 21/01/2021

ENGINEERS CYCLE							
NO	CODE	COURSE NAME	HOURS	MARKS	WEIGHT	GRADE	
1	33319	OSHA	30	100	6.67	A+	
2	71126	INTRODUCTION TO MECHANICAL EQUIPMENT'S+ COMP.	30	100	6.67	A+	
3	11456	HEAT EXCHANGER DESIGN AND PERFORMANCE CALCULATIONS FOR ENGINEERS	30	100	6.67	A+	
4	72108	SWITCH GEAR- DEFINITIONS AND COMPONENTS	30	100	6.67	A+	
5	71105	FUEL COMBUSTION & POLLUTION	18	100	4.00	A+	
6	32351	DECISION MAKING	18	100	4.00	A+	
7	71104	BOILER TECHNOLOGY	30	100	6.67	A+	
8	71104	BOILER TECHNOLOGY PART 2	30	100	6.67	A+	
9	32360	PLANT CHEMISTRY	30	100	6.67	A+	
10	71220	UTILITY SYSTEM	18	100	4.00	A+	
11	71201+71202+71204+71207	SALINE WATER DESALINATION PROCESS	18	100	4.00	A+	
12	71108	RO TECHNOLOGY	30	100	6.67	A+	
13	71111	REPORT WRITING AND ANALYSIS	18	100	4.00	A+	
14	32418	INDUSTRIAL DRAWINGS FOR OPERATION ENGINEERS	30	100	6.67	A+	
16	61105	WATER TREATMENTS	30	100	6.67	A+	
17	11221+72207	PROCESS MEASUREMENT & CONTROL	30	100	6.67	A+	
18	71110	SCALING & CORROSION PREVENTION	30	100	6.67	A+	
GENERAL RESULT			450		100.00	A+	



SWA DIRECTOR/MANDATED


ENG / AHMED IBRAHIM AL AMRI

Attach : _____ : Date المرفقات : _____ : Ref التاريخ : _____ : الرقم :



Date: 21/01/2021

Subject: Recommendation Letter

To Whom It May Concern

ESSA YAHYA ALFENAIIS joined Saudi Water Academy in intensive engineering program (four months) from 04/10/2020.

ESSA was a great learner during the training period he sent at the academy. In our training sessions, ESSA displayed a high level of creativity, wit, and analytical thought that is quite great. We believe he is one of the great trainees that we have in the past few years.

We strongly believe that he is ready for employment and he definitely will excel in upper-division classwork, and possesses the self-motivation to successfully create and execute his position's requirements. In addition, he has shown leadership skills that will enable him to become a great team leader.

ESSA can express his opinion clearly and defend it very strongly without hesitation in both person-to-person discussions and in-group discussions. He has an analytical mind-set and performs well in the operation processes field. We wish him good luck in his future life.

Sincerely,

Saudi Water Academy



الرقم

التاريخ

المرفقات



CERTIFICATE OF ON JOB TRAINING

THE SAUDI WATER ACADEMY CERTIFIES THAT

ESSA YAHYA AHMED AL FENAIS

ID : **1070148786**

HAS COMPLETED ON JOB TRAINING IN
OPERATION ENGINEERING MAINTENANCE

FROM: **07/02/2021** TO: **04/03/2021**

GRADE: (**EXCELLENT**) DEGREE: **99.00 %**

NO	COURSE NAME	HOURS	MARKS	WEIGHT	GRADE
1	SEA WATER INTAKE	30	99	19.80	A+
2	DESALINATION	30	99	19.80	A+
3	BOILER	30	99	19.80	A+
4	TURBINE & AUXILIARIES	30	99	19.80	A+
5	AUXILIARY SYSTEMS & REVERSE OSMOSIS	30	99	19.80	A+
GENERAL RESULT		150		99.00	A+

RELEASE DATE : 07/04/2021

SAUDI WATER ACADEMY GENERAL MANAGER

ENG / AHMED IBRAHIM AL AMRI





nebosh

NEBOSH Award in Health and Safety at Work


This is to certify that

Essa Yahia Ahmed Al-Fenais

was awarded this qualification on

27 February 2018

Sir Bill Callaghan
Chair



Teresa Budworth
Chief Executive



Master log certificate No: 00417613/949845

SQA Ref: R204 04



The National Examination
Board in Occupational
Safety and Health
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