

# AHMED SAAD

Senior MEP Engineer

Taif, Saudi Arabia,

0578798783

Eng.ahmedsaad152@gmail.com



## SUMMARY

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Senior MEP Engineer with 10+ years of experience delivering large-scale mixed-use and infrastructure projects across Saudi Arabia and Egypt. Led full MEP execution for projects up to 84M SAR (42,000 m<sup>2</sup>), including power infrastructure, HVAC, fire fighting, and life safety systems. Experienced in Civil Defense approvals and authority inspections with proven record of successful project handover. Strong hands-on expertise in Revit (BIM Coordination), shop drawing review, BOQ preparation, and cost optimization. Capable of managing multidisciplinary subcontractors and delivering projects within schedule and budget in structured contracting environments.

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## EXPERIENCE:

02/2025 - Present

### **Project Coordination / Cost Control / Full Lifecycle Management**

AL QUANATER AL JADED AH CONTRACTING & REAL STATE, Taif, Saudi Arabia

- Manage full project lifecycle including planning, pricing, execution, and delivery of construction projects.
- Prepare detailed cost estimation, quantity take-off, and BOQ analysis for all project disciplines.
- Develop and manage project schedules and time plans using project management principles.
- Coordinate and supervise all construction activities including MEP, structural, and finishing works with BIM tools such as (Revit- Navisworks).
- Manage and evaluate subcontractors, including contract coordination and performance monitoring.
- Review shop drawings, technical submittals, and ensure compliance with project specifications.
- Monitor project progress, quality standards, and safety requirements on site.
- Provide technical solutions and manage site challenges to maintain project timeline and budget.
- Coordinate directly with clients, consultants, suppliers, and subcontractors.
- Perform value engineering and cost optimization for construction and real estate projects.

07/2022 - 02/2025

### **MEP ENGINEER**

AL ROIDAT COMPANY FOR CONTRACTING AND TRADING, RIYADH

- Led MEP execution for an 84M SAR mixed-use development (42,000 m<sup>2</sup>) including:
  - 3 Commercial Buildings
  - Mosque
  - Supermarket
  - Plaza
- Dedicated Power Infrastructure Building (Transformers, Generators & Main Switchgear) Supervised HVAC, Plumbing, Fire Fighting, and Electrical subcontractors across multi-building coordination zones.
- Managed installation and commissioning of:
  - LV Main Switchgear & MDBs
  - Generator Systems
  - Complete Earthing & Lightning Protection Systems (Approved by ABB Furse)
- Coordinated infrastructure power distribution and underground cable routing.
- Reviewed shop drawings, material submittals, and ensured compliance with project specifications.
- Participated in cost estimation, BOQ preparation, and technical proposal submissions.

08/2020 - 06/2022

### **Production Manager**

81 Military Production Factory, Cairo

- Planning and organizing production schedules.
- Assessing project and resource requirements. Estimating, negotiating and agreeing budgets and timescales with clients and manager.
- Handling and controlling manufacturing process (laser cutting - lathing - rolling - fabrication and welding - hydraulic press - auto packing).
- Ensuring that health and safety regulations are met.
- Ensuring quality control standards are met.

01/2019 - 07/2020

### **QC Mechanical Engineer**

81 Military Production Factory, Cairo

- Incoming material inspection.
- Preparing WPS's, ITP, inspection reports and NCR.
- Performing Non-Destructive Tests (PT, MT, UT).
- Customers site visits.

01/2017 - 12/2018

### **Mechanical Site Engineer**

El Mehy Engineering Co, Cairo

- Supervise mechanical installation works for pharmaceutical production lines and utility systems.
- Review and interpret mechanical drawings (GA, P&ID, Isometrics).
- Coordinate with suppliers and OEMs during installation and commissioning.
- Ensure compliance with GMP (Good Manufacturing Practice) requirements.
- Monitor piping works (SS316L – hygienic piping – orbital welding).
- Ensure alignment and installation of production machines (filling, blister, granulation, packaging lines).
- Perform site inspections and quality checks.
- Prepare method statements and risk assessments.
- Coordinate with QA/QC and validation teams (IQ, OQ support).
- Monitor subcontractors and ensure adherence to project timeline.
- Prepare daily/weekly progress reports.
- Responsible on:
  1. HVAC systems for cleanrooms
  2. Compressed air systems
  3. Steam and condensate systems
  4. Chilled water systems.
  5. Purified Water (PW) & WFI systems & Pure steam systems.

## **EDUCATION**

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2011 - 2016

### **Mechanical Power Engineering**

Faculty of Engineering - Alexandria University, Alexandria

BSc

Grade: Good.

## SKILLS

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Project Planning & Scheduling  
Quantity Surveying  
Construction Management  
Technical Drawing Review  
Technical Submittals Review  
Software Revit (BIM Coordination)  
Microsoft Office

Cost Estimation & BOQ Preparation  
Tendering & Procurement Support  
Value Engineering  
Shop Drawing Coordination  
HVAC Design  
AutoCAD  
Primavera P6

## LANGUAGES

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English  
★★★★★

Arabic  
★★★★★

## CERTIFICATIONS AND LICENSES

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1. NDT LEVEL II Non-Destructive Testing level II- From American Society for Non-Destructive Testing- Scopes: VT, PT, MT, UT, RT.
2. Diploma in Fusion Bonded Plate Heat Exchanger From ALFALAVAL.

 هليوبيشان للصناعات الخشبية  
شركة هليوبيشان لوانع التسرب





الإسم : أحمد جمعه محمود محمد سعد

الوظيفة : مهندس جودة

العنوان : ٢ ش مسجد تبارك / مياهي / أول المنتزه / الاسكندرية

التوقيع..

عميد إيهاب هجاج  
رئيس قطاع الأمن

 هليوبيشان للصناعات الخشبية  
شركة هليوبيشان لوانع التسرب





الإسم : أحمد جمعه محمود محمد سعد

الوظيفة : مدير الإنتاج

العنوان : ٢ ش مسجد تبارك من ش العيسوي / مياهي / أول المنتزه / الاسكندرية

التوقيع..

عميد إيهاب هجاج  
رئيس قطاع الأمن

THANK YOU



# Diploma

We confirm that

Ahmed G. Mahmoud

Attended/successfully passed the following course:

Fusion-bonded plate heat exchangers

2019-08-24



## Certificate of attendance

*This is to certify that  
Ahmed Gomaa Mahmoud Saad  
Has attended*

**Welding Technology & Metallurgy**

*(Theory & Applications)*

*In Egyptian Academy during the period  
From 12/06 to 14/06/2020*

Course Content :

Welding Process & Features of the process  
Welding Positions & Grades  
Welding Electrodes  
SMAW Process & Mode of transfer  
GMAW Process & Mode of transfer  
GTAW Process  
SAW Process & PAW Process  
Welding Inspection Fundamental  
Quality of Weldment specimen  
Mechanical Behavior of Weldment  
Alloying & Welding Effect  
Case Studies

EGAC chairman  
Dr. Eng. Ismail A. Abdullah





Egyptian Academy

**EGAC**  
Training & Consultations

# Qualification Certificate

Cert. No. EGAC-VT-II- 247/2020

*This is to certify that*

**Ahmed Gomaa Mahmoud Saad**

*While working in the employment of*

**EGAC**

*Has passed successfully both the written and practical examination and being certified in the  
Nondestructive testing In Accordance with The American Society for Nondestructive Testing  
Recommended Practice SNT-TC-1A*

*NDT Method: Visual Inspection*

*Level of Qualification: Level Two*

*ASNT-NDT-Level III Examiner*

*Issue Date : 26 June 2020  
Expire Date: 25 June 2023*

Dr. Eng. Ismail A. Abd Allah  
EGAC Chairman

*Ismail A. Abd Allah*



ASNT/NDT Level III  
187881  
Certificate Number



Egyptian Academy



Egyptian Academy

**EGAC**  
Training & Consultations

# Qualification Certificate

Cert. No. EGAC-UT-I- 262/2020

This is to certify that

**Ahmed Gomaa Mahmoud Saad**

While working in the employment of

**EGAC**

Has passed successfully both the written and practical examination and being certified in the  
Nondestructive testing In Accordance with The American Society for Nondestructive Testing  
Recommended Practice SNT-TC-1A

NDT Method: Ultrasonic testing

Level of Qualification: Level Two

ASNT-NDT-Level III Examiner

Issue Date: 08 August 2020  
Expire Date: ~~07 August 2023~~

EGAC Chairman

Dr. Eng. Ismail A. Abd Allah

*I. A. Abd Allah*





Egyptian Academy

**EGAC**  
Training & Consultations

# Qualification Certificate

Cert. No. EGAC-RT-IL-268/2020

This is to certify that

**Ahmed Gomaa Mahmoud Saad**

While working in the employment of

**EGAC**

Has passed successfully both the written and practical examination and being certified in the  
Nondestructive testing In Accordance with The American Society for Nondestructive Testing

Recommended Practice SNT-TC-1A

NDT Method: Radiographic testing

Level of Qualification: Level Two

ASNT-NDT-Level III Examiner

Issue Date: 31 August 2020

Expire Date: 30 August 2023

EGAC Chairman

Dr. Eng. Ismail A. Abd Allah



I. A. Abd

Alliance  
ASNT #DT 3  
18786-1  
Certificate Number



Egyptian Academy

**EGAC**  
Training & Consultations

# Qualification Certificate

Cert. No. EGAC-RT-IL-268/2020

This is to certify that

**Ahmed Gomaa Mahmoud Saad**

While working in the employment of

**EGAC**

Has passed successfully both the written and practical examination and being certified in the  
Nondestructive testing In Accordance with The American Society for Nondestructive Testing

Recommended Practice SNT-TC-1A

NDT Method: Radiographic testing

Level of Qualification: Level Two

ASNT-NDT-Level III Examiner

Issue Date: 31 August 2020

Expire Date: 30 August 2023

EGAC Chairman

Dr. Eng. Ismail A. Abd Allah



I. A. Abd

Alliance  
ASNT #DT 3  
18786-1  
Certificate Number



Egyptian Academy

**EGAC**  
Training & Consultations

# Qualification Certificate

Cert. No. EGAC-MT-1A-257/2020

This is to certify that

**Ahmed Gomaa Mahmoud Saad**

While working in the employment of

**EGAC**

Has passed successfully both the written and practical examination and being certified in the  
Nondestructive testing In Accordance with The American Society for Nondestructive Testing

Recommended Practice SNT-TC-1A

NDT Method: Magnetic Particle testing

Level of Qualification: Level Two

ASNT-NDT-Level III Examiner

Issue Date: 11 July 2020  
Expire Date: 10 July 2023



EGAC Chairman  
Eng. Ismail A. Abd Allah

Dr. A. Abd

All about  
ASNT NDT Level III  
18786-1  
Certificate Number



ALEX. PETROLEUM CO.

## شهادة

المعلمة كورد كورد

تشهد شركة الإسكندرية للبترول بأن الطالبة /

تخصص : رياضيات

النامية

الفرقة :

المهذبة

بكلية ،

ج. ٢٠١٢

يوليو (

قد أتم فترة التدريب بالشركة لمدة شهر )

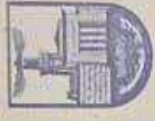
وذلك ضمن خطة الشركة لتدريب طلبة الجامعات والمعاهد العليا للعام التدريسي

مدير عام تنمية الموارد البشرية

مدير عام مساعد التدريب الامم كورد

مدير إدارة مركز التدريب

حسين ممدوك



الهندسة

كلية

جامعة الإسكندرية

سنة  
الطالبة  
مهاجر

يوم الوفاء و التفوق

يسر كلية الهندسة جامعة الإسكندرية منح هذه الشهادة  
إلى الطالب **أحمد محمد محمود محمد سعد** لحصوله على  
تقدير **جيد جدا**

للعام الجامعي ٢٠١٤/٢٠١٤

مع أطيب التمنيات بدوام التفوق والنجاح

عميد الكلية

إ.د. عبد العزيز حسانين قنصوه