

ADEL MOHAMED ELMONGY

Quantity Surveyor Engineer

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PROFESSIONAL SUMMARY

Quantity Surveyor with 4 years of experience in road and infrastructure projects. Skilled in quantity take-off, cost estimation, and preparing BOQs for roads, stormwater, and sewer networks. Proficient in AutoCAD Civil 3D and Excel for accurate measurements and invoices. Experienced in coordinating with site teams, reviewing drawings, and supporting technical office tasks. Seeking a challenging Quantity Surveyor role within infrastructure projects in the Gulf region.

EDUCATION

Bachelor of Civil Engineering - Mansoura University, Egypt

2016 – 2021

- **Accumulative grade: 71.3% (Good)**

- **Graduation Project: Highways & Airports Design (Excellent)**
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WORK EXPERIENCE

Quantity Surveyor | Mamdouh Abd Al-Monem Company | Egypt

Sep 2023 – May 2025

Key Responsibilities:

- Prepared BOQs and cost estimates for road and infrastructure projects.
- Prepared shop drawings and quantity take-off using AutoCAD Civil 3D.
- Measured executed quantities on-site and prepared Client and subcontractor invoices.
- Coordinated with site engineers to verify quantities and resolve issues.
- Evaluated variations and supported claims and contract negotiations.
- Generated periodic progress reports and maintained project documentation.

Key Project:

- Electric Express Train – First Line -Sector 7 (Ras El Hekma to Matrouh)
 - Marsa Matrouh – Siwa Road Expansion
 - El Petrol Road Development
 - South Med Egypt Earthworks
 - Western Road Development of Sirt – Libya
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Technical Office Engineer | Fahmy Office for Engineering | Egypt

Aug 2021 – Jun 2022

Key Responsibilities:

- Prepared shop drawings and supported site documentation.
 - Assisted in quantity surveying and cost evaluation for high-rise buildings.
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OTHER EXPERIENCE

Military Clerk – Operations & Fax Department | Egyptian Armed Forces |

Jul 2022 – Aug 2023

Key Responsibilities:

- Managed official communications and documentation using Microsoft Office.
 - Maintained accurate record-keeping under pressure and within military protocols.
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INTERNSHIPS

Structure Design Intern UTW 12 | Engineering Consulting Group | Jul 2020 – Oct 2020

- Assisted in the structural design of a commercial mall (42,000 m²).
- Modeled RC elements using ETABS and SAFE.
- Conducted load analysis and detailed design according to ECP standards.

Site Civil Engineer Intern | General Authority for Educational Buildings | Jun 2019 – Oct 2019

- Participated in site execution of a 5-story school project (700 m²).
 - Worked on deep foundations, RC structures, and finishing works.
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COURSES

Infrastructure Quantity Surveying and Execution Course | Udemy | Feb – May 2025

- Performed quantity take-off and BOQ preparation for sewer and storm networks using Civil 3D.
- Studied excavation types, soil layers, and backfilling requirements.
- Read and interpreted layout and chamber drawings.
- Understood construction sequencing, materials, testing procedures, and confined space safety.

Infrastructure Networks Design Course | YouTube – Dr. Ahmed Abdelhady | Apr – May 2025

- Learned hydraulic design principles for sewage, potable water, irrigation, and storm networks.
- Understood pipe sizing, slope calculations, and flow types using Manning's equation.
- Gained practical experience in layout reading and network planning.
- Studied chamber details, network connections, and execution considerations.

Road Design & Execution Course | BENAA Academy | Jan 2021 – Apr 2021

- Learned road design principles (horizontal & vertical alignment, pavement layers, Marshall mix).
 - Trained on Civil 3D for road modeling and technical drawings.
 - Gained knowledge in road execution stages and technical office tasks (shop drawings, BOQs, and site coordination).
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Software

- AutoCAD Civil 3D
 - AutoCAD
 - Subassembly Composer
 - Microsoft Excel & Word
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KEY SKILLS

- Quantity Take-off & BOQs
 - Shop drawings (Civil 3D)
 - Cost Estimation & Invoicing
 - Technical Support
 - Reporting & Documentation
 - Variations & Site Coordination
 - Teamwork and Collaboration
 - Time Management
 - Problem Solving
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ADDITIONAL INFORMATION

- Date of Birth: 28/10/1997
 - Nationality: Egyptian
 - Military Service: Completed
 - Marital Status: Married
 - Languages: Arabic (Native), English (Good)
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Mansoura University

0145249



Certificate

The Faculty of Engineering

certifies that Mr. / **Adel Mohamed Mohamed Elmongi**

Born in **Mansoura - El-Dakahliya** on **28/10/1997**

National ID

2	9	7	1	0	2	8	1	2	0	1	6	7	7
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Has obtained the degree of **B. Sc. in Civil Engineering**

With general cumulative grade : **Good (71.23%) (4687 out of 6580)**

Date of exam : **October** Year : **2021**

Graduation Project **Highway& Airport Engineering** with Grade **Excellent**

The Faculty Council approved the degree on **18/10/2021**

The University Council approved the degree on **03/11/2021**

Receipt No : 463435 Date : 2021/11/15

This certificate is issued to the applicant upon his request to be presented to whom it may concern.

Clerk
Noto

Reviewer
Maher

Vice Dean
M. M. Ibrahim
Prof. Dr. Mohamed Gama Ibrahim

Dean
Abdelazim Mohamed
Prof. Mohamed Abdelazim Mohamed

Mansoura University in 15/11/2021

The data on this document is available under ID **80001000064399** on the internet site <http://graduates.mans.edu.eg>

The Faculty is Accredited by the National Authority For Quality Assurance and Accreditation of Education according to Resolution No.(150)conducted by the Board of Directors on 19-1-2016.The Certificate of Accreditation lasts for Five years



Certificate no: UC-c035d433-99df-440c-853b-a1fb08ac1062
Certificate url: ude.my/UC-c035d433-99df-440c-853b-a1fb08ac1062
Reference Number: 0004

CERTIFICATE OF COMPLETION

How to become a professional Infrastructure Engineer.

Instructors **Mohamed Zaki**

Adel Mohamed Elmongy

Date **May 26, 2025**

Length **4 total hours**

Certificate

Engineering Consultants Group

hereby grant a Certificate of Completion to

Adel Mohamed Mohamed Elmongy

to certify the satisfaction completion of the requirements of

University to Work Round 12

Structural Program

Awarded on 1 October, 2020

Dr. Nevine Abdelkhalek

Vice President Public Relations
and Sustainable Development



Eng. Ahmed El-Sayed

Engineering Consultants Group
Chairman



TO WHOM IT MAY CONCERN

This is to certify that **Eng. Adel Mohamed Mohamed Elmongy** a student in the department of Civil Engineering; at Mansoura University has successfully completed **University to Work Round 12** training program in the period between 24 July 2020 to 10 October 2020. The student have attended the following sessions:

- Statical System L1a
- Statical System-L1b
- BIM
- Statical System L2
- CONCRETE DESIGN L1
- STATICAL LIVE1
- REVIT L1
- STAIRS
- CAD
- Statical System L3
- ETABS L1
- STATICAL LIVE2
- ETABS L2
- REVIT L2
- SAFE L1
- ETABS L3
- ETABS LIVE3
- ETABS L4
- REVIT L3
- SAFE L2
- ETABS L5
- SAFE&ETABS LIVE 4
- ETABS L6
- REVIT L5
- SAFE L3
- ETABS L7
- REVIT L6
- SAFE&ETABS LIVE 5
- Seismic
- ETABS LIVE 6
- ETABS LIVE7
- CAD PRESENTATION
- STAAD INTRO
- FOUNDATION L1
- FOUNDATION L2
- POST TENSION LEC1
- FOUNDATION L3
- FOUNDATION LIVE 8
- SHOP DRAWING BASICS
- Autocad Structure Detailing (ASD)-LEC1
- Autocad Structure Detailing (ASD)-LEC2
- POST TENSION LEC2

Eng. Adel Mohamed Mohamed Elmongy scored a total of 92% during the training period. During the period of training with us **Eng. Adel Mohamed Mohamed Elmongy** was found punctual, hardworking and inquisitive trainee. We wish the student every success in life.

ECG Engineering Consultants Group S.A.

Kamal Shawky

Nevine Abdelkhalek, Ph.D.

Vice President

Human Resources & Organization Development





Certificate

This is to certify that

Adel Mohamed Mohamed Elmongy
Has Successfully Completed Our Training Course
AutoCAD 2D (24Hr)

From : 23-7-2017

To : 3-8-2017

With General Grade : *Excellent*

Training Manager

Supervisor
Secretary General

