

HELAL MOHAMMED ALI SHOMASI

Mechanical Building Services Engineer

+966564156904
✉ Hilalshomasi@gmail.com
📍 Saudi Arabia, Riyadh
🏠 Yemeni
♂ Male
🌐 linkedin.com/in/helal-shomasi

PROFILE

Mechanical Building Services Engineer With experience in the field of mechanical engineering, Passionate about mechanics since my very young, Member of the Saudi Council of Engineers. Through six experience years I have improved my professional communication skills with clients and working teams. Demonstrated also knowledge and experience in works HVAC, Firefighting, Plumbing, mechanisms design and working programs. Strong background in AutoCAD, Revit, HAP, Duct sizer, Pipe sizer, SolidWorks, ANSYS Fluent. Proven abilities in critical thinking, problem solving, teamwork, and communications. With a Master's and Bachelor's of Mechanical Power Engineering from Constantine 1 University - Algeria.

PROFESSIONAL EXPERIENCE

Mar. 2026 – Today
KSA, Riyadh

Site Manager for Mechanical Work

AITCO

King Abdulaziz Park Project:

- Plumbing works.

Jan. 2025 – Mar. 2026
KSA, Riyadh

Engineer MEP Coordinator

AITCO

Qiddiya Project (Off Site Office):

- HVAC system is VRF type.
- Firefighting system.
- Drainage system.
- Electrical works.

Oct. 2024 – Jan. 2025
KSA, Riyadh

Site Manager for MEP Work

AITCO

Escalator project, Kingdom Arena:

- Floors Drainage system.
- Firefighting suppression System & FM200.
- Lighting System & Earthing and Lightning and Power System
- Evacuation System and Fire Alarm System

Jul. 2024 – Oct. 2024
KSA, Riyadh

Site Manager for Mechanical Work

AITCO

The venue project, Riyadh:

- Firefighting suppression System & FM200.
- Site work for Firefighting.
- Site & Insite work for plumbing.

HELAL MOHAMMED ALI SHOMASI

Mechanical Building Services Engineer

+966564156904
Hilalshomasi@gmail.com
Saudi Arabia, Riyadh
Yemeni
Male
linkedin.com/in/helal-shomasi

Mar. 2024– Jun. 2024
KSA, Riyadh

QA/QC Engineer

AITCO

Jeddah theatre project, Benchmark:

- QA/QC engineer for steel structure.

Nov. 2023 – Feb. 2024
KSA, Riyadh

Site Mechanical Engineer

AITCO

Boulevard Hall project, Kingdom Arena:

- Site work for plumbing.

May. 2023 – Oct. 2023
KSA, Riyadh

Mechanical Maintenance Engineer

AITCO

Boulevard World project, Discovery Building:

- Engineer for maintenance and operation of the building.

June. 2022– May. 2023
KSA, Riyadh

Site Manager for Mechanical Work

AITCO

Boulevard World project, Discovery Building:

- Site engineer for HVAC- installation and commissioning of chillers, pumps and AHU Units and duct in the building.
- Site engineer for firefighting systems in the building.
- Site engineer for Plumbing systems in the building.
- Engineer supervising the installation of the BMS system in the building.
- Delivery and discussion of works with consultants.

Boulevard World project, Spain and Mexico area:

- Site engineer for A/C works in area.
- Site engineer for Plumbing works in area.
- Delivery and discussion of works with consultants.

Oct. 2021 – June. 2022
KSA, Jeddah

Mechanical Design Engineer

AITCO

Jeddah season project, City Walk area:

- Design of different mechanical parts (mechanisms, metal parts).
- Analyze the expected behavior of a part or an assembly in certain terms.
- Shop drawing for mechanical designs.
- Translation of mechanical plans for technicians.

HELAL MOHAMMED ALI SHOMASI

Mechanical Building Services Engineer

+966564156904
Hilalshomasi@gmail.com
Saudi Arabia, Riyadh
Yemeni
Male
linkedin.com/in/helal-shomasi

EDUCATION

2018 - 2020
Algeria, Constantine

MASTER IN MECHANICAL ENGINEERING: ENERGETICS

University of Frères Mentouri Constantine 1

Cumulative rank: 5th | Average: 14.48

2014 - 2018
Algeria, Constantine

BACHELOR OF MECHANICAL ENGINEERING: ENERGETICS

University of Frères Mentouri Constantine 1

Cumulative rank: 4th | Average: 12.76

SKILLS

❖ KEY SKILLS

Mechanical Site Supervision
HVAC, Plumbing & Firefighting Systems Execution
Testing & Commissioning (T&C)
Shop Drawings Review & Material Submittals
Coordination with Consultants & Contractors

❖ PERSONAL SKILLS

- Leadership & Team Management
- Communication & Coordination
- Problem Solving & Decision Making
- Time Management & Work Planning

❖ TECHNICAL SKILLS

- MS Office (Word, Excel, Power point)
- CAD-DAO (SolidWorks, AutoCAD)
- CFD (ANSYS Fluent)
- Programming language (Matlab, Fortran 90)
- Post processing (Origin)
- HAP, Duct sizer, Pipe sizer

❖ LANGUAGE SKILLS

- French: Very Good
- English: Operational
- Arabic: Native

PROFESSIONAL ACCREDITATION

- Membership of the Yemeni Engineers Syndicate.
- Membership of the Saudi Council of Engineers.

HOBBIES

- Drawing and design
- Sport: swimming, football
- Travel

REFERENCES

References available upon request.