

# Abdulrahman Alharthi, PMP, OSHA

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Abdulrahman Alharthi Saudi Arabia

## SUMMARY

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As an accomplished Electrical Engineer, I specialize in site engineering, power systems, and risk assessment. I lead projects with precision, ensuring compliance and seamless execution through team collaboration. With expertise in transformer installation and power distribution, I hold a Bachelor's in Electrical Engineering and multiple certifications. As a Saudi Council of Engineers member, I uphold industry standards, safety, and technical excellence. My focus remains on advancing Electrical Engineering and its sector.

## EXPERIENCE

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Yuksel Saudia | Riyadh | Saudi Arabia

Electrical Engineer | Site Engineer | October 2023 – Present.

- Evaluate electrical requirements and develop necessary electrical systems for the project.
- Track the progress of electrical works and verify compliance with schedules and specifications.
- Carry out comprehensive project analyses, detect and resolve discrepancies in engineering designs.
- Engage with contractors and project managers to confirm electrical projects meet all requirements.
- Conduct risk assessments on electrical systems, identify and address potential hazards.
- Work with multidisciplinary teams to achieve project success.

Ministry of Defense | Saudi Arabia

Trainee Engineer | June 2021 – August 2021.

- Supported the installation of transformers.
- Operated on Ring Main Units (RMU) and Main Distribution Boards (MDB).
- Acquired experience in Delta and Wye (Star) connections.
- Engaged in maintenance tours for electrical systems.
- Studied electricity distribution processes and network operations.
- Conducted risk assessments on electrical systems, identifying and addressing potential hazards.

## EDUCATION

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Prince Sattam Bin Abdulaziz University | Saudi Arabia

Bachelor's Degree of Electrical Engineering | August 2023.

- Develop a strong foundation in electrical circuits, systems, and power engineering.
- Apply mathematical and scientific principles to analyze and design electrical components.
- Utilize modern tools and software for simulation, testing, and problem-solving in electrical engineering.
- Understand and implement industry standards, safety regulations, and ethical practices.
- Enhance teamwork, communication, and project management skills in engineering projects.

## OTHER

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### ● Certificates:

- Project Management Professional (PMP) | Project Management Institute | December 2024.
- Rick Management Professional (PMI-RMP) | PM Tricks | January 2025
- Occupational Safety and Health (OSHA) | OSHAcademy™ | May 2024.
- Electrical Power Substations | Udemy | January 2025.
- Fundamentals of Solar Energy Systems | Udemy | January 2025.
- Grid-Tied Solar System Design and Calculations | Udemy | January 2025.
- Power Generation and Production | Udemy | January 2025.
- Power Transformers | Udemy | January 2025.
- DC Motors and Generators | Udemy | January 2025..
- Electrical Power Plants and Substations | Udemy | January 2025
- Diesel Power Plants and UPS Systems | Udemy.

### ● Membership:

- Membership No. (966988) | Saudi Council of Engineers | August 2023.

### ● Hard Skills:

- Microsoft Office (Excel, Word and PowerPoint).
- Circuit Analysis.
- Power Systems.
- Control Systems.
- Embedded Systems.
- Signal Processing.
- Electrical Machines.
- Renewable Energy Systems.
- MATLAB Program.

### ● Soft Skills:

- Communication Skills.
- Time Management.
- Leadership.
- Teamwork.
- Self Development.
- Analytical Thinking.
- Flexibility.
- Positivity.
- Attention to Details.

### ● Languages: Arabic, English