

# Abdullah elabd eid elabd

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**Date of Birth:** October 26, 1992

## Summary

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Highly skilled Operations Technician with 11 years of experience in the power and mechanical maintenance sectors, specializing in the operation and management of large-scale systems such as turbines, HRSG, and water treatment plants. Proven track record in troubleshooting, preventive maintenance, and emergency response, ensuring optimal plant performance and safety. Adept at operating and maintaining complex systems including hydrogen, nitrogen, and water treatment facilities. Demonstrated expertise in the application of safety protocols (LOTO, PTW), and a commitment to high standards of operational efficiency and regulatory compliance. Strong technical and troubleshooting abilities, paired with exceptional problem-solving and team coordination skills. Fluent in Arabic and English.

## Education

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**Technical Diploma in Mechanical Systems** **Sep 2011 – Jun 2013**  
• Alexandria Technical Institute, Alexandria, Egypt

**Diploma in Mechanical Maintenance** **Sep 2008 – Jun 2011**  
• Mubarak Kohl Technical Education Program, Alexandria, Egypt

## Professional Experience

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**Operations Technician** **January 2019 – Present**  
**Siemens Burullus Combined Cycle Power Plant (CCPP) 4800 MW, Burullus, Egypt**

### Siemens Energy

- Overseeing the operation of critical plant systems, including turbines (GT, ST), HRSG, hydrogen plant, nitrogen generation, and water treatment systems.
- Conducting field readings, documenting plant status, and maintaining detailed operational logs for continuous system monitoring.
- Responding to alarms and emergency situations, coordinating with the Shift Charge Engineer (SCE) to ensure rapid and effective action.
- Executing plant startup and shutdown procedures, ensuring safe and efficient transitions between operating states.
- Performing minor mechanical repairs, including valve/pump packing tightening and troubleshooting mechanical issues to minimize downtime.
- Adhering to Lock Out / Tag Out (LOTO) and Permit to Work (PTW) safety procedures to maintain a secure working environment.
- Ensuring the smooth operation of complex systems such as HRSG, gas turbines, steam turbines, and air compressors.
- Accurately recording temperature, pressure, and other critical readings to ensure plant systems are operating within safe and optimal parameters.
- Collaborating with team members and continuously enhancing operational knowledge through on-the-job learning and training.

**Mechanical Maintenance Technician** **August 2016 – August 2017**

### West Petroleum Company, Alamein, Egypt

- Operating and maintaining water treatment systems in a petroleum production environment.
- Performing routine mechanical inspections and preventive maintenance tasks.
- Diagnosing and repairing faults in mechanical equipment to ensure continuous operations.
- Applying safety protocols and standard procedures for mechanical system integrity.

### Wet Part Maintenance Technician

**December 2014 – December 2015**

### National Paper Company, Alexandria, Egypt

- Operating and maintaining water treatment systems in a petroleum production environment.
- Performing routine mechanical inspections and preventive maintenance tasks.
- Diagnosing and repairing faults in mechanical equipment to ensure continuous operations.
- Applying safety protocols and standard procedures for mechanical system integrity.

## CAREER SKILLS

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- **Mechanical System Operation** – Operates and monitors turbines, compressors, and pumps across combined cycle power plants for stable and efficient energy output.
- **Troubleshooting & Diagnostics** – Identifies and resolves faults in mechanical and hydraulic systems, ensuring minimal downtime and optimal performance.
- **Preventive Maintenance** – Performs routine inspections and minor repairs to maintain reliability and reduce system failures.
- **Emergency Response Handling** – Acts swiftly under abnormal operating conditions to stabilize systems in coordination with engineering teams.
- **Safety Protocol Compliance** – Applies Lockout/Tagout (LOTO) and Permit to Work (PTW) procedures to ensure workplace safety and regulatory adherence.
- **Auxiliary System Management** – Manages operations of hydrogen, nitrogen generation units, and water treatment systems to support plant functionality.
- **Technical Reporting & Monitoring** – Maintains accurate logs of temperature, pressure, and performance indicators to support operational decisions.

## PERSONAL SKILLS

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- Reliability.
- Responsibility.
- Adaptability.
- Teamwork.
- Communication.
- Work Ethic.
- Precision.
- Commitment.

## SOFTWARE SKILLS

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- Microsoft Word.
- Basic Software Operations.

## CERTIFICATES

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- Mechanical Maintenance Training (3 years at Rakta Paper Company, specializing in paper milling machines maintenance)
- First Aid Certificate (Egyptian Red Crescent)
- Electrical & Mechanical Fundamentals (Egyptian Electric Holding Company, Training Center)
- Civil Defense and Fire Safety (Egyptian Civil Defense Authority)
- Gas Turbines, Steam Turbines & Boilers (Siemens Power Academy, Germany)
- Prevention and Occupational Health (Specialized training in workplace safety and health protocols)

## COURSES

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- Mechanical Fundamentals Training (EEHC, Cairo, Egypt – Sept 2017 - Dec 2017)
- Basic Operation Training (EEHC, Cairo, Egypt – Jan 2018 - Apr 2018)
- Mechanical Maintenance (EEHC, Mansoura, Egypt – Sept 2018 - Oct 2018)
- Combined Cycle Power Plants (Siemens Power Academy, Erlangen, Germany – Mar 2018 - Apr 2018)
- Steam Boilers (Mulheim Training Center, Mulheim, Germany – Apr 2018)
- Power Generators (Berlin – Mar 2018)
- English Course (Burullus Training Center, Alexandria, Egypt – Oct 2023 - Jan 2024)

## LANGUAGES

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- Arabic: Native
- English: Proficient