


Candidate Packet

Brief selection of Displaced Talent
in Electricity Engineering & Maintenance
2024

The background of the page is a blurred image of various electronic components and tools. In the top right, a red digital multimeter is visible with its probes. Below it, a red and black test lead is coiled. In the center, there are several small electronic components, including a blue cylindrical capacitor and a grey connector. On the left, a white cylindrical component, possibly a motor or a sensor, is partially visible. The overall scene suggests an electronics workshop or a technical environment.

Connecting your company to qualified professionals

The following is a sample of candidates with experience in Electricity Engineering and Maintenance.

When reviewing CVs, we encourage you to remember that many of these candidates have faced barriers to work rights in their host countries and for this reason there may be gaps in employment or occupation changes.



IBRAHIM

Electrical Engineer

TBB # 181611

As an engineer with over 9 years of experience in maintaining and installing electrical systems for large-scale commercial properties such as malls and building compounds, I possess exceptional skills in electrical wiring and control systems. My keen attention to detail allows me to ensure that all machines are running efficiently and effectively. I'm now looking for a responsible and challenging job that aligns with my career vision, allowing me to utilize my proven skills, education and experience to effectively enhance organizational performance, and help reach its targets.

EXPERIENCE

SEP 2021 – ONGOING

ELECTRICAL ENGINEER, ENOVA BY VEOLIA COMPANY, BEIRUT – LEBANON (BCC MALL, WATER FRONT COMPOUND & DAMAC TOWER)

- Analyzing and interpreting technical specifications and requirements
- Collaborating with cross-functional teams to ensure design compatibility with other disciplines and project success
- Collaborating with manufacturing teams to ensure successful production and implementation of designs
- Conducting research to stay updated on industry advancements and emerging technologies
- Conducting risk assessments and problem-solving to troubleshoot electrical and mechanical issues
- Creating and implementing electrical design standards and procedures
- Creating and reviewing technical drawings, specifications, and documentation
- Designing electrical systems, including schematics, diagrams, and plans, using CAD software
- Developing and testing electrical products, equipment, prototypes, and conducting experiments
- Ensuring compliance with safety and regulatory standards
- Participating in design reviews to provide feedback and recommendations for improvement
- Performing calculations and simulations to analyze design performance
- Researching and incorporating new materials and technologies into mechanical designs
- Troubleshooting electrical issues and providing technical support
- Writing technical reports and documentation for project management

JUNE 2013 – ONGOING

FREELANCE ELECTRICAL ENGINEER, BEIRUT – LEBANON

- Performing electrical wiring installations and addressing construction issues.
- Installing and maintaining building management systems.
- Installing and fixing AC systems.
- Fixing electronic boards
- Conducting PLC programming.

JULY 2016 – AUGUST 2021

ELECTRICAL & MECHANICAL TECHNICIAN, ENOVA BY VEOLIA COMPANY, BEIRUT – LEBANON (BCC MALL, WATER FRONT COMPOUND & DAMAC TOWER)

- Conducted electrical and mechanical troubleshooting activities.
- Applied electrical expertise in both AC and DC circuits
- Rectified electrical faults for MDB, SMDB, EMDB, DB, UDB, and MCC boards, involving breakers, contactors, relays, lighting, and sockets.
- Addressed electrical and mechanical industrial faults in machines, including water pumps (submersible, irrigation, softener, and domestic) and ventilation fans (fresh, exhaust, jet, HETU).
- Demonstrated a high ability to read and analyze data effectively.
- Possessed extensive experience with sensor types and their operations.
- Exhibited a profound knowledge of fire systems and their operation, encompassing water and waterless systems.
- Operated BMS, addressing faults with a deep understanding of systems such as chiller plants and boilers.

- Managed the operation of diesel generators, MDB, and ATS for 11 KV.
- Applied power electronic knowledge effectively.
- Demonstrated professionalism in electrical low-current control.
- Engaged in preventive maintenance (PPM) and corrective tasks.
- Supervised subcontractors at sites, overseeing and ensuring the completion of their tasks.

APRIL 2014 – JUNE 2016

ELECTRICAL & MECHANICAL TECHNICIAN, MEO COMPANY, BEIRUT – LEBANON
(LNL & 20/30 TOWERS)

- Executed electrical wiring installations and resolved construction issues.
- Installed and maintained building management systems.
- Addressed faults in all low-voltage systems from 400V and below.
- Installed and maintained VRV and DX systems, along with AC systems.
- Implemented the installation of ventilation systems.
- Submitted water systems, covering fire, domestic, softener, and irrigation.
- Conducted maintenance for HVAC systems, including water and gas systems such as AHU, FCU, DX systems, VRV (if catalogs were available), and operated chiller plants, encompassing evaporator and condenser water circuits.
- Demonstrated plumbing skills, including connecting iron pipes and welding PPR.

JUNE 2013 – ONGOING

EDUCATION

OCTOBER 2021 – JUNE 2023

MASTERS OF SCIENCE IN ELECTRICAL POWER, LEBANESE INTERNATIONAL UNIVERSITY, LEBANON

OCTOBER 2018 – JUNE 2021

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, LEBANESE INTERNATIONAL UNIVERSITY, LEBANON

SEPTEMBER 2012 – JULY 2014

SUPERIOR TECHNICIAN DIPLOMA IN ELECTRONICS, DEBBIS INSTITUTION, LEBANON

SKILLS & ABILITIES

SOFT SKILLS

- Attention to Detail
- Adaptability
- Leadership
- Problem-Solving
- Initiative
- Stress Management
- Teamwork
- Time Management

ENGINEERING SKILLS

- Circuit design & analysis: SPICE & MATLAB
- Control Systems
- Electronics Troubleshooting
- Embedded Systems: FATEK PLC & WEINTEK HMI
- Power Distribution Systems
- Renewable Energy Systems: PV SYS
- HVAC Systems
- AutoCAD: Design & Shop drawing
- ETAP
- DIALUX
- ECODIAL

LANGUAGES

Arabic: Native

English: Fluent



Anwar
Maintenance Engineer
#23136

Motivated Mechanical Engineer with extensive experience in maintenance providing predictive and preventative maintenance. Ability to identify and troubleshoot errors. In addition to experience supervising production lines and making sure products meet the highest standards.

Professional Experience

Maintenance Manager

Jan 2018 - Present

AL-KBOUS Industrial Trading & Investment Company.

Manage all things depend on maintenance in all factories (tea factory, coffee factory, honey factory).

Maintenance Supervisor

Jan 2016 - Dec 2017

AL-KBOUS Industrial Trading & Investment Company

- Manage team consist of 15 technicians and engineers by working distribute , weekly shifts,
- Worked within the company team to obtain the ISO 22000: 2005 Certificate as a representative of the engineering management and we obtained.
- Worked within the company team to obtain the HACCP Codex Alimentarius Certificate as a representative of the engineering management and we obtained.
- Worked within the company team to obtain the FOOD SAFETY CERTIFICATION 22000 as a representative of the engineering management and we obtained.
- Worked within the company team to obtain the Jordan Quality Mark Certificate as a representative of the engineering management and we obtained.
- Reception of foreign experts and help in the installation of new machines and training technicians to work on them.
- I worked on establishing the coffee factory for the company from the beginning and establishment includes the delivery of air compressor, water, diesel and also electricity. And reception the foreign experts and worked with them to install the machines and operate them and also training the technicians.
- Write reports of problems for preventive maintenance engineer and manager.
- Prepare and provide preventive maintenance for machines and electronics as advised in their manuals & put them in records.
- Conduct predictive maintenance and breakdown maintenance.
- Provide back office support (selection/ quotation) to the sales team.
- Troubleshoot and maintain of some equipments like Pumps, Valves, Heat Exchangers, Gears, sensors and Motors.
- Keep up with my team to make the periodical maintenance for refrigeration and air conditioning.
- Troubleshooting of Electro-Mechanics, Electro-Pneumatics, Sensors & Actuators, PLC and Hydraulics systems.
- Testing and maintain of motors (AC& DC).
- Troubleshoot thermoforming and filling machines.
- Responsible for making over hauling of thermoforming and filling machines.
- Using of data sheets, manuals and catalogue.

Achievements

- Less of using spare parts by keeping up of preventive and predictive maintenance
- Confidently manage and supervise team members with strong leadership.
- Less technical issues and problems occurrence while and maximizing production.

Part Time Lecturer

Jan 2014 - Jan 2016

Sana'a University, Saba'a University and Yemen Jordanian University.

- Teach many subjects in mechanical engineering, Electric circuits, Electronics 1&2, Math and Microprocessor.
- In addition of teaching I was working as engineer in renewable energy especially PV systems (Design and build a PV systems for lighting homes, solar street lighting systems).

Mechatronics Engineer

Jun 2009 - Feb 2010

- Maintenance department at Yemen Company for industrial and commercial of drugs.

Education

- M.Sc., Mechanical Engineering (Sub-branch Mechatronics Engineering), Jordan University of Science and Technology (JUST), Irbid, Jordan, January, 2014.
- B.Sc. in Mechatronics Engineering University of Jordan, Amman, Jordan, June, 2009.

Certificates

- Jordan University of Science and Technology Student's Union certificated course in Renewable Energy
- IEEE certificated course in PIC micro-controller Programming, and Implementation.
- Embedded system design using PIC micro controller with high level language Micro Basic software.
- Internet & Computer Club Certificated Course in Matlab.

Graduation Projects:

- M.Sc. Designed and Build a Smart Solar Outdoor LED Lighting System. The system is built after some in- lab experiments to study the characteristics of the battery during discharge that usually used in solar system; also the data of the solar radiation for Jordan University of Science and Technology set is analyzed over the year 2011.
- B.Sc. A Microcontroller Electric and Electronic circuit Experiments via Internet (E-Lab). In this project electric circuits and electronic circuits are designed and implemented to enable the student to test any experiment via internet from their home.

Technical Skills

- MS Office
- AutoCAD
- Internet, Computer
- Matlab: Automatic Control,
- Simulink and other applications
- Microcontroller software (MP-lab)
- Micro Basic software
- Pro-engineer (wildfire).
- Assembly language.
- CNC & PLC Programs: Industrial automation Proteus 7 isis professional software

Languages

Arabic (native) English (intermediate)

Hobbies and Interests

- Gain new skills and assume new responsibilities.
- Searching for new technologies.
- High mobility and willingness to take challenges
- Ability to interact effectively with people from different nationalities.
- Ability and willingness to develop myself and learning more with strong comprehension.
- Adaptability and good achievements under minimum supervision.
- Searching and planning skills.
- Reading, Internet.

Zaid
Senior Maintenance Technician
#50482

CAREER OBJECTIVE

Organized, motivated and experienced electrical professional with over five (13) years of experience with extensive knowledge in maintaining electrical systems, creating technical drawings and designing new devices. Maintenance PM Checklist and planning/manpower management as well as troubleshooting of electrical problems.

SKILLS

- Electrical installation experience in an industrial environment.
- Ability to work in a fast-paced environment.
- Ability to identify opportunities to reduce costs and improve efficiency.
- Estimating both small and large scale electrical works.
- Leadership, Team Building, Motivation Skills, Interpersonal & Communication Skills
- Analytical Skills, Ability to Work Under Pressure, Decision Making & Problem Solving Skills
- Microsoft Office: Word, Excel, PowerPoint, Outlook.
- Engineering programs: MATLAB, Automation studio, C++, Proteus, CNC and PLC programming.
- CNC machine with G-code programming
- DC motor control, speed and position using (PIC) micro controller

PROFESSIONAL EXPERIENCE

Al-Zawrae Industrial Group. Amman, Jordan
Senior Maintenance Technician

Feb 2015 – Present

- Tobacco and Molasses Packing machines.
- Design and implement special strategies related to maintenance procedures.
- Perform routine maintenance inspections of equipment to identify and respond to problems in a timely manner, thus preventing breakdowns.
- Provide solutions and fixed equipment malfunctioning, system faults and network errors – Used root-cause-failure techniques, corrective actions, modifications and performed replacements and/or new installation.
- Responsible of maintenance and preventive maintenance for Mechanical, Programming and Organize jobs of all factory machines like:
 - ACMA "Azionaria Costruzioni Macchine Automatiche"
 - G.D "X2, Cellophaner & Cartoner"
 - CME Machines "wrapper and cartoner"
 - Famer packing machines "A1 & A3"
 - Sirio Rotary sealing jaws.
 - Labeling machine.
 - Marden Edwards overwrapping machines.
 - SmiPack automatic shrink wrappers with sealing bar & Shrink Tunnel
 - Cans Seaming Machines.
 - MOSCA Strapping Systems.
 - LINUX Printers

- Working with company's vendors and supervised subcontractors during various maintenance projects to ensure proper completion of work performed at customers' facilities.
- Utilize different reliability and testing strategies in plants to maintain and improve operation's profitability.
- Direct storage of equipment and assured safety measures were followed.

EYE Specialty Hospital. Amman, Jordan

Aug 2012 - Nov 2013

Electrical Technician

- Responsible of maintenance and PM for building and facilities

KEMAPCO, Arab Fertilizer and Chemicals Industries Ltd, Aqaba, Jordan

April 2010 - March 2011

Assistant Electrical & Instrument Technician

- General maintenance tasks and control the breakdowns

Al Sultan Electrical EST, Zarqa – Jordan

Aug 2009 - April 2010

Electrical Technician

- Site supervisor of the electrical consulting tasks.

Maser-AMD-AIFayhaa/JV3, Boulevard Project / Abdali, Amman-Jordan

Aug 2008 - Aug 2009

Electrical Technician

- Site supervisor of the electrical consulting tasks

Mag engineering and consultant, Amman-Jordan

Dec 2005 - Oct 2006

Assistant Electrical

EDUCATION

Associate Diploma in Electrical Wiring, Arab Community College, 2008

Courses, Trainings and Certifications:

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- **HUMANS for Peace institution.**
Training of trainer's course, 2018
 - **Jordan Academy for Quality Management (JAQM)**
Quality Control held at AlZawrae Industrial Group, 2015
 - **Sadden Co. for Elevators & Camera System**
Elevator Maintenance (General design assist both electrical & hydraulics system), 2013