

CURRICULUM VITAE



Mr. Wael Al-Aker

Personal Information:

Nationality : Jordanian
Resident : Jordan – Amman
Birth date : 10 May, 1971
Gender : Male
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Education :

B.Sc. of Mechanical Engineering, with specialization in production, (1989 – 1994), Jordan University of Science and Technology, Irbid, Jordan. Graduation project was computer numerical control of a Lathe machine (CNC) retro fitting .

Professional Experience :

March 2009 – Present: German Jordan University

Position: Mechanical Engineer in the Engineering Department.

Duties & responsibilities:

- Provide mechanical and BMS systems installation and construction quality supervision.
- Monitor progress and performance of construction contractor during the execution of work.
- Resolve and respond to technical queries from contractors.
- Study and review of technical contractor documents and submetals from the contractors.
- Attend and contribute to site and project technical meetings.
- Perform progressive quality control and testing functions for material and instalation during the work.
- Participate in contractor corrective actions and ensuring resolution of nonconformities.
- Identify and analyze design changes & modify design drawings & documents accordingly.
- Pre-commissioning, commissioning and start-up support to operation of the mechanical systems.
- Installation and operation Solar Thermal space heating systems and Solar Cooling systems using absorbtion Chillers.
- Establishing and implementing of educational engineering workshops.
- Review and recommend improvement to conceptual design and specification.

- Study and review of Shop drawings submitted by the contractor and coordinate between other engineering activities during project work.
- Work on Mechanical services design of buildings and facilities during construction by solving technical problems to avoid delay. .

December 2007- February 2009: Horizons for Steel Structures and Aluminum Co.

Position: Operation Manager

Duties & responsibilities:

- Establishing and supervision of fabrication factory site project, preparation all the facilities needed to install the machines .
- Supervising factory machines installation and work with the experts during installation period.
- Operating and testing machines performance and work.
- Plant manager, Operation and production.
- Technical support for sales department to increase productivity and quality.
- Improving methods in work to increase performance productivity, quality and marketing.

October 2004 –November 2007: Modern Aluminum Industries Co.LTD- Nuql Group.

Position: Extrusion and Dies department Section Head.

Duties & responsibilities:

- Following work Orders and Extrusion Production Plan.
- Reporting to management of any Technical issues, daily and monthly reports, analyze Dies performance history.
- Following raw materials and any other materials supported the Extrusion lines.
- Following quality of the products cooperating with the quality control department.
- Monitoring Extrusion lines machinery performance.
- Cooperating with other sections and lines regarding the products and quality.
- Prepare good work climate for workers in the section by training and improving Skills.
- Continuous improvement of work by contact other companies around the world and Looking for technologies that could improve productivity, quality and dies.
- Maintain the lines clean and safe by applying quality systems and safety system Procedures of the company and other management instructions related to Extrusion Line.
- Cooperated with local universities on doing researches and development.

March 2004 – October 2004: Private business. Amman – Jordan

Position Technical services for industrial sections and general maintenance.

Duties & responsibilities

- Worked in fixing printing and industrial machines also repair electronic control systems And devices.
- Refresh old machines by fitting new electrical and mechanical systems.

March 2003 – March 2004 Getzner Werkstoffe Middle East Regional Office –Amman

Position: Mechanical engineer and technical supervisor.

Duties & responsibilities:

- Studies the Vibration and noise problems and find a solution in the field of construction and Industry.
- Following and managing Middle East projects and agents.
- As Engineer working on technical department, I also design and supervise the

- Projects needed to be protected against vibration and noise.
- Participate in the Middle East exhibitions related to construction and industry.

June 1998 – January 2003: Palestine Electronic and Electrical Co. (PEEC) in Palestine, Nablus.

Position: Project assistance Engineer.

Duties & responsibilities:

- Deputy manger for the company projects
- Supervise engineer for installing and testing company TV production line.
- Quality control manager for the company TV factory.
- Manager of the internal & external maintenance.

October 1996 – May 1998: National Aluminum and Profile Co. Ltd in Palestine Nablus.

Position: Extrusion line production engineer.

Duties & responsibilities:

- Working as a production Engineer and supervisor of extrusion process line.
- Improving the quality control system in the factory by using statistical quality control and Design inspection quality manual for the products.
- Solving electrical problems on the production line system in conjunction with the Maintenance department.
- Working on quality manual preparation and implementing ISO9001 for the company with Specialists in ISO9001 people.

March 1995 – March 1996: Radio Shack – Amman Branch, Amman – Jordan

Position: Head of the Repair Shop Department.

Duties & responsibilities:

- Participated in creation, organization and development of the company repair shop.
- Supervising five technicians and supporting them for solving technical problems.
- Reorganized the repair shop and establish procedure guideline for work.
- Following customer satisfaction and work effeciency of the department.

July 1994 – December 1994: ELBA House Co. Amman – Jordan.

Position: Quality control Inspector.

Duties & responsibilities

- Quality Engineer as a quality control inspector.
- Responsible for maintaining the quality control of assembly of the buses and Other vehicles.

Trainings & Certificates :

- Technical training course in HOVAL Co. products and solutions ,Vaduz-Liechtenstein August 2019.
- Certified Program for Mechanical Engineers in Mechanical Services for buildings, Amman, 2018.
- Gutmann Aluminum profiles sections and system intensive training course, Dubai 2008.
- Cost Accounting, Analysis and control course, Amman 2005.
- Loading and lifting Techniques course, Amman 2005.
- Effective Presentation course, Amman 2005.
- Intensive training course in (CKD) manufacturing process at Samsung Electronics Co, South Korea 1998.
- Training course in (AutoCad 12) in Engineers Association, Jerusalem Center.

- Training course in (Industrial Quality Control and ISO9000) in ELBA House Co. Amman, Jordan 1994.

Exhibitions , Attended and Participated in:

- Big 5 show 2008 in Dubai.
- Rebuild Iraq 2004 in Kuwait.
- Big 5 Show 2003 in Dubai.
- Buildex 2003 in Syria.
- Cairo international exhibition 2000 in Egypt.

Computer Skills:

- Microsoft Windows and Office (Excel, Word, Access, Power point, outlook and Microsoft Visio).
- Visual Basic 6.
- AutoCAD, SuperCam ,V Carve Pro, MACH3 CAD/CAM software.
- Ladder programming (PLC programmable logic controllers LG type).
- Other Mechanical Engineering programs needed for design and maintenance.
- Arduino microcontroller applications and control applied projects .

Languages:

- English speaking, writing, reading : Very Good
- Arabic speaking, Writing, Reading: Mother Language

Hobbies:

- Playing guitar and piano music.
- Swimming.
- Electronics and computer.
- Reading about new technologies and improved machines.