

Profile

- Over 9 years of HVAC Engineering experience in Production, Design, R&D, Sales and Technical support .
- Project Management Professional, PMP.
- Ontario Professional Engineer, P.Eng.
- Effective communication and problem-solving skills.
- Expertise in Chillers, Air handlers, Pumps, valves, and Heat exchangers.
- Solid knowledge and experience in most of HVAC systems, standards, and Control.
- Familiarity with HVAC & Heat Exchangers related design standards and guidelines like : ASHRAE, ASME, ARI, and AMCA.
- In process of becoming LEED AP.

Experience

Associate Consultant Engineer – Swallow Acoustic Consultants
Mississauga – Canada.

(Oct, 2007-Present).

- Project Mangement
- Responding to RFPs, project costing and budget control.
- Acoustic and Noise control design.

Application Engineer & Estimator for HVAC Packaged Systems
– S.A Armstrong Limited/Armstrong Pumps, Toronto –
Canada.

(May, 2005- Sep, 2007).

- Providing Engineering support for HVAC Packaged Systems and control.
- Technical support for Armstrong products like S&T Heat Exchangers, Plate & Frame Heat Exchangers, Pumps, Controlers, and valves.
- Performing Energy saving analysis for Chiller plants.
- Finding customer based solutions for HVAC applications that are related to Armstrong products and systems.
- Interpretation of bid specification and application requirement.

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- Responsible for project initial planning, schematic design, and Project coordination.
- Project costing, pricing and quoting.
- Design HVAC systems, and generate their specifications for basis of design jobs.
- Team member in product development projects.
- Prepare projects submittals.

Sales & Technical Support- Saif International Trading Group Inc., Toronto – Canada.

(Mar, 2004-May,2005).

- Providing technical support for Engineering HVAC products like: Air Outlets and terminals, Fans & Blowers, Heat exchangers, Hydronic controls equipment, and others).
- Sorting for new products and markets for the company.
- Pricing, quoting and handling purchase orders.

Mechanical Engineer- Petra Engineering Industries Co., Amman –Jordan.

(March,1999-Mar 2004)

R&D Engineer (May,2002-Mar 2004) , in charge of:

- Acoustics and Airside testing and evaluating for HVAC equipment. (Supervising Noise level measurements according to ISO and ARI standards, measuring Airflow, air leakage and testing motors and fans performance).
- Thermal testing and evaluating for HVAC equipment. (Chillers, Air handling units, Air packages, fan coil units and others)
- Reviewing different HVAC standards and set the procedures to follow them.
- Setting up sequence of operation for roof top units and air handling units.
- Report writing & Supervising different tests & Projects.
- Team member in product developing projects.

Coils Section head (March,1999- May,2002) , in charge of:

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- Production planing.
- Heat exchanger Design.
- Ordering production machines, spare parts & production materials for the section, Analyzing cost of Production, & Supervising machines maintenance and manufacturing processes.

Education and Training

Bachelor of Science-Mechanical Engineering.

Feb, 1999

Jordan University of Science and Technology ,Irbid -Jordan

- Specialization: Thermal Power.

Certificate in Project Management.

June, 2008

Ryerson University – Toronto

- Risk & Quality Management. 42 Hours.
- Leadership in Project Management. 42 Hours.
- Planing & Scheduling . 42 Hours.
- Procurement management . 42 Hours.
- Introduction to Project management . 42 Hours.
- Measurement & Analysis . 42 Hours.
- Analytical Decision Making. 42 hours.
- Management of projects in AEC industry. 42 hours

Environmental Management Systems(ISO 14001).

Aug, 2002.

LLOYD'S Register Quality Assurance.

Uncertainty in Calibration and Measurement Course, 20

hours.

Dec, 2002.

Royal Scientific Society, Amman-Jordan.

Steam Boilers Course, 12 hours.

Feb ,2002.

Jordan Engineers Association, Amman-Jordan.

Designing HVAC Systems,30 hours.

Apr,2002

Jordan Engineers Association, Amman-Jordan.

Practical Course in Electrical Control Panels Design & Operation.

March,1999.

The International Center for Training , Amman-Jordan.

Activities and Skills

- Member, Professional Engineers of Ontario.
- Member, Project Management Institute.
- Member, Jordan Engineers Association.
- MS Windows & Office, MS Outlook, MS Projects, Fortran, & Internet.
- Bilingual: Arabic and English.**
- References and Documents are available upon request.

References