

**Babak Khatibloo, PE**  
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### **SUMMARY**

A seasoned Registered mechanical engineer with experience in HVAC, plumbing projects in various settings, including industrial and commercial. Good with software applications and hand calculations.

### **PROFESSIONAL CAPABILITIES / SUMMARY**

**PE Mechanical, LLC** (Consulting Engineers) **2018- present**  
Principal Mechanical Engineer

- Designed HVAC system, including Load Calc, Equipment Selection, Ducting, for mostly Residential, some Industrial and commercial projects.
- Energy Compliance using Res-Check.
- Designed Plumbing systems, including Fresh water service, Waste, Vents, and the associated plumbing calculations.
- Designed Gas lines. Drawings did include the calculations, as well.
- Assisted the Electrical Engineers on Load Calculations and drafting.

**IQA Solutions & Kevcomp** (Consulting Engineers) **2011- 2017**  
Senior Mechanical Engineer

- Designed HVAC system for Electrical Room of Emmy Offshore Platform.
- Reviewed and stamped the fire protection system for part of San Diego Convention Center.
- Designed a vessel for Selenium Filtering, using COMPRESS.
- Designed complete Storage Tanks, including all piping connections.
- Designed New Nozzles for Cylindrical, spherical, and Bolted Tanks.
- Provide detailed designs and calculation per AMSE and other related Codes.
- Provided all technical details for small piping modification projects.

### **EDUCATION**

- M.S. Industrial Engineering, Columbia University, N.Y., N.Y.  
Concentration: Production & Business Management.
- B.S. General Mechanical Engineering, Petroleum University of Technology, AKA Abadan Institute of Technology.

### **MISCELANEOUS**

- US citizen.
- Reference will be provided upon request.