

Kody Braun

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EXPERIENCE

SENIOR MECHANICAL PROJECT ENGINEER

San Francisco, CA

05/2014 – present

- Functional Dimensions: Coordinate with Proposal Engineering, Controls Engineering, Supply Chain Management, Manufacturing, Finance, Senior Management, etc
- Coordinate with Proposal Engineering, Controls Engineering, Supply Chain Management, Manufacturing, Finance, Senior Management, etc
- Work closely with Corporate Manufacturing Engineering on major equipment or process additions or improvements
- Determine and track costs on capital projects and assist with justification
- Technical guidance and quality oversight, including code review, of all project work involving mechanical engineering
- Demonstrate a working knowledge of CAD modeling, GD&T, DFMEA, and FEA
- Establishing and improving standards, practices, guidelines, and specifications for mechanical discipline area

CHEMICAL / MECHANICAL PROJECT ENGINEER

Phoenix, AZ

05/2010 – 12/2013

- Prepare financial projection on regular basis and inform management on the progress and projection of the project
- Categorize equipment, manpower, other project budget and ensure costs are within budget
- Handover of the project to construction, commissioning and/or startup
- Interface with other departments on project related issues
- Prepare functional description for control system programming
- Organize and lead internal and customer kick-off meetings
- Prepare project specifications and technical datasheets

MECHANICAL PROJECT ENGINEER

Phoenix, AZ

10/2007 – 11/2009

- Development of new innovative ME-Systems according to the approved project or development task from management
- Provide leadership, encouragement, mentoring, and coaching to co-workers. Provide direction to other engineers on project teams
- Create project timelines using Microsoft Project software. Provide preliminary project spending estimates. Work with Marketing to present project business case
- Assist in developing/maintaining engineering and product standards
- Drive EHS performance for continuous improvements within the engineering department
- Work as member of product development team to successfully design, test, and launch new products or in modification of existing products
- Identify potential areas for improvement and lead process improvement efforts

EDUCATION

NORTHWESTERN UNIVERSITY

Bachelor's Degree in Mechanical Engineering

SKILLS

- Works collaboratively with a product development team to create beautiful products considering performance, durability, manufacturability, and sustainability
- Interest in personal and professional growth, in a challenging, rewarding and competitive professional environment
- Good knowledge of drafting, dimensioning, tolerancing and manufacturing processes
- Self-motivated with highly developed verbal, written and interpersonal skills. Well organized, takes good notes
- Consolidated knowledge of plastic injection parts, sheetmetal, diecast and related tooling and 2nd process
- Good knowledge and skills of PRO-Engineer/Creo2.0
- Strong attention to detail
- Experience with extrusion and/or converting systems is a strongly desirable
- Strong desire and demonstrated ability to successfully develop and implement innovative designs or processes
- Knowledgeable of the design, construction, or operation of an electric generating plant