

Ross & Baruzzini

Title: Mechanical Engineering Positions (St. Louis)

Description: Mechanical Engineering Positions

Reports To: Director, Mechanical Engineering

SUMMARY

Ross & Baruzzini is seeking qualified applicants to join the Mechanical Engineering Staff at various position levels, including CAD Technician, HVAC Designer, Project Engineer, Construction Administrator, and Senior Project Engineer.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Mechanical Engineering Staff responsibilities include equipment selection and specifications, system design, layout, calculations and field visits with minimal supervision, design and engineering of HVAC systems for new installations, system retrofits, system replacement, and system upgrades. Typical assignments include overall HVAC project responsibility, load calculations, static pressure calculations, head loss calculations, equipment selection, equipment specification, system design, product specifications, interdisciplinary coordination with vendors, architects, and other consultants, system layout, field investigation, construction administration and quality control. Some projects also include due diligence, system evaluation and feasibility reports.

All candidates should demonstrate ability to meet schedules, ability to troubleshoot mechanical systems, and good documentation skills. Your technical expertise must be complemented by self-motivation and strong communication and presentation skills.

Advanced positions require design knowledge of chilled and condenser water systems, knowledge of chilled water/boiler plants, large air handling systems, computer room systems, and strong client interpersonal relationship skills.

Ross & Baruzzini performs major projects within the following project types: Higher Education, Health Care, Government, Laboratories, Critical Facilities, Commercial.

SUPERVISORY RESPONSIBILITIES

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed above are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

LANGUAGE SKILLS Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations. Ability to write reports, business correspondence, and procedure manuals. Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.

Requirements/ EDUCATION and/or EXPERIENCE

Benefits: All positions require 2 - 5 years experience in healthcare, higher education, commercial, or institutional projects.

Engineering positions require engineering degree from four-year college or university.

Professional Engineering registration required for senior engineering positions.

Commissioning experience is a plus.

Computer Skills: HVAC design and calculation software; MS Excel , MS Word. AutoCAD required for CAD Technician and Designer positions.