

DESIGN ENGINEER

Division/Department	EnCon Colorado
Location	Denver, Colorado
Job Title	Design Engineer
Reports to	Design Group Manager

GENERAL DESCRIPTION

Preparation, coordination and communication of design calculations and details for assigned projects in accordance with agreed procedures. Assist with management of department and ongoing projects. Supervise and train other departmental staff.

RESPONSIBILITIES

- Preparation of required design and details for assigned projects, with consideration of:
 - Structural integrity
 - Safe, efficient and economical production, stripping and transportation
 - Safe, efficient and economical installation, shoring and alignment of the product
 - Budget limitation of each design element
- Ensure that design and details are prepared and transferred to the design team or subcontractor, in a clear and timely manner, with minimum supervision
- Assist in management of projects with consideration of budget and schedule
- Review plans, details and specifications and provide interpretation of the same, identify deficiencies and assist with resolution
- Report project and personnel progress to Manager at regular intervals
- Maintain and communicate accurate documentation of project history
- Ensure accuracy of work and adherence to Company standards and procedures
- Supervise and provide guidance as necessary to other company employees that are assigned
- Provide technical assistance to other departments as required
- Follow the direction of superiors with question and research in order to learn
- Be informed of current developments within the company and the industry
- Pursue professional development whenever possible
- Continuously look for or develop methods to improve efficiency and economy

PERFORMANCE REQUIREMENTS

- Carry out assigned tasks with a professional demeanor reflected in excellent written and oral communication skills, listening skills, patience, analytical reasoning and problem solving abilities
- Display calm and a customer oriented attitude in fast-paced and sometimes stressful conditions and represent the Company in a professional manner
- Ability to meet timelines, milestones, deliverables and provide timely status updates as identified
- Communicate technical information verbally and in writing to technical and non-technical users

QUALIFICATION REQUIREMENTS

- Must have a BS in Engineering with a Civil/Structural specialty
- Engineer in Training registration or ability to obtain registration within one year
- MS in Engineering or Computer Science is a plus

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as negotiated to meet the ongoing needs of the organization.