

CONSULTING ENGINEERS & SCIENTISTS, INC.
JOB DESCRIPTION

Title: Civil Engineer

Date: 6/1/2021

WORKING RELATIONSHIP

Reports to: Ronald Cohen, Vice President
Classification: Exempt

PROFILE

Education:

- Bachelor of Science in Civil Engineering
- Professional Engineering (P.E.) Registration/License

Experience:

- Minimum 10 years of experience
- Background in Construction and Structural Design

Skills:

- Must have excellent problem solving (sequential thinking and deductive reasoning) skills.
- Must be extremely well organized with the ability to deliver accurate information within established agreed upon time schedules.
- Must be hands on and able to climb ladders, crawl in confined spaces, etc.
- Must have excellent written and verbal communication skills.
- Must be team oriented and enjoy service-oriented type work.
- Must have good overall computer skills.
- Must be able to work on multiple matters that are at different levels of completion.
- Must like working with people in a collegial and professional environment.

JOB RESPONSIBILITIES

- Responsible for expert forensic analysis and evaluation of construction accidents and claims, building and structural failures and degradation, premises and walkway safety, civil-structural engineering claims, and construction and workplace safety. Safety evaluations include fall protection, scaffolds, shoring, roofs, platforms, guards, material erection, rigging and demolition. Failure analyses include steel, concrete, masonry, stone or wood structures and incidents involving storm, ice or wind claims, moisture damage, fire damage, drainage, and workmanship issues. Evaluations for compliance with codes and standards include OSHA, IBC, BOCA, ANSI, ASTM, ACI, AISC, and UBC.
- Investigations will require visiting sites to obtain detailed measurements recorded in concise and succinct notes and to take photographs documenting observations.
- Single day and occasional overnight travel to assignments in region.
- Write and submit detailed and accurate reports on projects within specific and required time periods in accordance with firm guidelines.
- Communicate with Clients to provide timelines and project updates on a consistent basis.
- Provide expert testimony for litigation matters on an as needed basis.
- Occasional after hours participating in marketing activities.

PHYSICAL REQUIREMENTS

- Must be able to ascend/descend ladders, stairs, ramps, etc.
- Must be able to walk, balance, stoop, kneel, crouch, or crawl.
- Must be able to reach with hands and arms.
- Must be able to lift up to 25 pounds.