

# ROBERT SMITH

## Civil Engineer Tech

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### SUMMARY

I have more than seven years of experience in structural and civil engineering analysis and design. I am currently working within Mesa's Associates nuclear group, concentrating on civil/structural engineering, project management, construction oversight, and business development. I have past experiences in the practice of transportation engineering, civil/site design, maintenance support & inspections for power generating plants and highway bridges, plant/facility layouts, industrial manufacturing, as well as contract management.

### SKILLS

Project Management, construction Management and execution, project planning.

### WORK EXPERIENCE

#### Civil Engineer Tech

Mesa Associates, Inc - July 2015 – 2019

- Provided thorough review and recommendations per TVA procedures, design criteria, and regulations of Design Change Notification (DCN) Packages, including but not limited to, licensing, calculations, and drawings.
- Supported PIC(s) during construction as identified.
- Designed a truck turn extension pad for the ISFSI heavy haul road.
- Provided oversight and inspections of construction/installation activities (excavation, site prep, concrete formwork, rebar installation, concrete placement, and final grading).
- Developed structural/seismic calculations for conduit supports & cable trays.
- Conducted daily onsite walk downs for technical and safety reporting.
- Participated in weekly meetings with TVA site management to discuss review of incoming deliverables, project schedule, cost analysis, safety & construction success path.

#### Civil Engineer

ABC Corporation - October 2011 – September 2013

- Provided NRC required engineering, IWL QC visual/physical inspections, data analysis, and technical reports for nuclear power generation entities.
- Acquired level II QC certification to perform inspections on concrete and components for containment structures.
- FPL, Turkey Point, Discharge Structure Rehabilitation/Upgrade-Civil/Structural Engineer Provided engineering support & construction oversight including scheduling, calculations, change requests, construction drawings, specialized access equipment design & installation, and cost analysis.
- Client saved in excess of \$2-million.
- Supplied technical support, engineering consultation, and operation of heavy lift and transport equipment during critical moves.

- Assisted in equipment modifications, and generated rigging engineering and lift plans as required.
- Provided engineering drawing and structural analysis for power generation, industrial, and commercial sites.

## SCHOLASTICS

- B.S. in Civil Engineering - (University of Tennessee - Chattanooga, TN)