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 &amp; 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 &amp; 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/Upgrade­Civil/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 $2­million.
* 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)