

## Dr. H. Sansom

**NATIONALITY:** British Citizen

### SUMMARY

Dedicated senior engineering project manager and quality assurance / quality control specialist with over 20 years of experience as a leader in international construction engineering for major global companies. Demonstrated ability to coordinate complex project planning for hydropower and civil engineering works, including liaising with stakeholders to identify key engineering and design requirements, establish detailed specifications, and manage compliance with stringent local and industry regulations. Strong project manager adept at leading the full lifecycle for engineering and delivery, with expertise in both mechanical and electrical engineering aspects. Expert team coordinator able to build, train, and mentor star-quality technical professionals. Dedicated to driving adoption of best practices and standards in all areas of project delivery. Knowledgeable in contract administration, negotiation, and claims management.

### EDUCATION

- **Doctor of Philosophy**  
*Dissertation: QA / QC in Civil Engineering*  
Knightsbridge University
- **Bachelor of Science in Civil Engineering**  
Sussex College

### EMPLOYMENT RECORD/ PROFESSIONAL EXPERIENCE

#### **FICHTNER GMBH, Pakistan 2011-2013**

Major multidisciplinary engineering firm focused on water, dams, and hydropower. Staffs 5,000 personnel.

**Project Manager**

Directed planning and execution of a mid-sized hydropower plant construction project in the north-western province of Pakistan. Liaised with local energy authorities and key stakeholders to review design specifications and discuss project progress. Provided guidance to teams and contractors through regular meetings focused on contracts, QA / QC, M&E, and site activities. Oversaw the full claims process for all contractor claims.

***Selected Achievements:***

- Adapted to the needs of a remote location and cut more than USD \$50,000 in transport costs through strategic scheduling of large item transport and selection of alternative routes.
- Generated €1 million in new business across 2 new projects by prospecting among major power companies in Pakistan.
- Maintained streamlined communication between the contractor, employer, and consultant by adjusting communications procedures to accommodate local conditions, using couriers to compensate for limited internet.

Developed and nurtured a cohesive team with strong collaboration and productivity.

**NUKEM, Lithuania 2009-2011**

Nuclear waste disposal company, providing safe, efficient removal of nuclear by-products. Staffs 3,000.

**Construction Manager**

Took over site operations for a flagging project, revitalizing it through the development of a wholly new site supervision team of more than 50 personnel. Managed project continuation and delivery, including working with contractors to review designs, handle on-site health and safety, implement QA / QC procedures, and administer contracts and claims.

***Selected Achievements:***

- Sourced, recruited, and selected a highly professional, exceptionally qualified site team consisting of civil, mechanical, architectural, railway, and internal finish engineers.
- Recovered a stalled project by establishing a strong supervisory team and consulting with management to identify the best course of action to move forward.

- Introduced stronger quality procedures at the local level by bringing in a team of experienced tradesmen to coach and train local personnel in quality principles.
- Circumvented over €1 million in claims costs by investigating contractor claims and proving several invalid.

#### **SMEC, Sudan 2009-2010**

Multinational engineering firm based out of Australia. Staffs over 10,000 worldwide.

##### **Construction Manager / Civil Project Manager**

Led concrete operations for construction of a major dam heightening project in Sudan. Worked with Chinese contractors to review design drawings and coordinate activities. Supported claims monitoring and resolution, partnering with the contracts / claims manager. Acted as deputy project manager in the absence of the regular project manager.

##### ***Selected Achievements:***

- Ensured consistent progress in alignment with project scheduling goals by introducing a new, more effective system of concreting.
- Promoted more productive utilization of Primavera P6 for complete project delivery through collaboration with the planning team.

#### **A-TEC, Turkey 2008-2009**

##### **Civil Project Manager**

Drove project management and contractor supervision for a combined cycle gas plant with a unique sea water cooling system. Collaborated with owners, supervisors, and Mitsubishi to prepare tender designs and project documentation. Coordinated the full civil engineering project lifecycle, including mechanical and electrical. Communicated with design teams to make necessary adaptations for variations in geological conditions and drawings. Primary point of contact for client communications. Reported regularly to the home office. Supervised engineering and administrative personnel.

##### ***Selected Achievements:***

- Maintained efficient project operations in order to effectively meet project schedules.

- Assured accuracy in all areas via thorough reviews of bills of quantity, HSE, materials, variation orders, and QA / QC procedures.

<b>PROFESSIONAL AFFILIATIONS</b>
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Member, American Concrete Institute

<b>PUBLICATIONS</b>
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n/a

<b>LANGUAGES</b>
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English