

FARES SAMI HIJJAWI

EDUCATION

University of Portsmouth, School of Civil Engineering and Surveying, Portsmouth, UK

MSc Civil Engineering with Geotechnical Engineering (with merit), September 2015

Courses: Environmental Engineering Management, Geotechnical Design Project, Civil Engineering Science and General & Strategic Management

Dissertation Topic: Developing Geotechnical Risk Management Practices in West Bank, Palestine. Nablus City as a Case Study

An-Najah National University, Faculty of Engineering, Nablus, Palestine

BS in Civil Engineering, January 2013

Courses: Foundation Engineering, Soil Mechanics, Environmental Engineering, Water Drainage, Steel Structures Design, Concrete Structures Design, Transportation Engineering, and Engineering Management

Graduation Project: Safety Evaluation Study for Hazardous Transport Locations in Nablus

EXPERIENCE

Hijjawi Construction Labs, Nablus, Palestine, October 2015 – Present

Deputy General Manager/ Geotechnical and Material Engineer

- Conducted slope stability analysis
- Prepared geotechnical site investigation reports
- Demonstrated site exploration to assess the soil conditions
- Prepared excavation plans for new buildings
- Prepared asphalt and concrete mix designs
- Revised and signed the testing reports
- Supervised and organized technicians in lab and site
- Evaluated existing buildings for the possibility of adding new floors
- Supported the general manager in managing and technical activities
- Supported the quality manager in quality control process
- Prepared proposals for new projects and tasks
- Assisted in human resource management and document control process

CDM Smith, June 2013 – September 2014

Junior Project Engineer; Qabatiya Well, Pump Station and Conveyance System (USAID Funded Project)

- Supervised construction activities done by Subcontractor (1000 m³ balancing tank and 3.6 Km steel pipeline)
- Supported the QC manager in overseeing quality issues at site
- Supported the health and safety officer in overseeing health & Safety issues at site
- Demonstrated public awareness campaign to introduce the project to the beneficiary communities
- Audited the drawings prepared by subcontractor
- Supervised the concrete mix design designed for the project at the concrete plant before any casting of concrete
- Coordinated with the soil and materials lab for testing concrete, base course, steel etc.
- Processed submittals, RFIs (Request for Information) and IRs (Inspection Requests)

- Prepared the daily reports of the site activities, meetings and office works
- Participated in monthly reports preparation submitted to USAID
- Helped in filing & Document control
- Participated in quantity measurements for the finished works

Hijjawi Construction Labs, Nablus, Palestine, January 2013 –June 2013

Civil engineer

- Prepared geotechnical reports
- Supervised and organized technicians in lab and site
- Evaluated existing buildings for the possibility of adding new floors
- Revised the outputs of the technical reports
- Experienced new tests, e.g. Soil Resistivity test and Plate Bearing test

Consolidated Contractors Co. (CCC) Oman L.L.C, Muscat, Oman, summer 2012

Intern; A'Seeb Sewage Collection and Conveyance System Project (ASCS)

- Experienced tests in lab and site under material control process
- Witnessed planning and cost control procedures
- Inspected work performed with the consultant and QA/QC inspector
- Checked proposals from suppliers for specific products
- Implemented representative exercise to compute manholes and pipes installation details (slopes, depths, levels, and lengths) using Excel and AutoCAD
- Assisted site engineers on completing their duties
- Experienced installation of manholes and pipes

Hijjawi Construction Labs, Nablus, Palestine, Summer 2011

Intern, Geotechnical Engineering Support

- Assisted the general manager on several projects (site visits, preparing reports and document control)
- Reviewed technical reports
- Performed several lab tests (concrete, soil and asphalt tests)
- Experienced high quality projects

SKILLS

- **Languages:** Fluent in Arabic (mother tongue), excellent English (IELTS 6.5) and basic French (A1 level)
- **Computer:** MS Office (Word, Excel, PowerPoint), AutoCAD, Geo5, ArcGIS, WaterCAD, SewerCAD, StormCAD, SAP2000, LUSAS and Primavera.
- Member of the Jordanian Engineers Association.
- Member of the Youth Engineers Committee at Engineers Association – Nablus Branch.
- **Performed a workshop on the material quality control for construction projects.**
- **Conducted a class for 8th grade students on the concrete components and tests.**
- Attended 55-hour **ISO/IEC 17025:2005** General requirements for the competence of testing and calibration laboratories by Palestine Engineers Training Centre (PETC).
- Attended **10-hour OSHA** (Occupational Safety and Health Administration) workshop on health & safety conducted by Black & Veatch in Ramallah, Palestine.
- Attended **Troubleshooting Concrete Construction** session at ACI conference, Amman, Nov. 2019.
- CDM Smith's training certificates on Health & Safety and Conflict of Interest.