



Tarek Al-Halabi

PROFESSIONAL SUMMARY

Talented and ambitious civil engineer **Certified PMP** with Master's Degree MSc in **Civil Structures and Materials**.

A total of **6.5 years'** experience with CCC-KSA including Buildings, Oil and Gas projects with Aramco, Metro Project in Riyadh, Airport refurbishment in Riyadh as well as concrete 3D printing pilot project with the Saudi Ministry of Housing.

CONTACT

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Nationality: Lebanese

SOFTWARE SKILLS

- BIM modeling, Revit training & SAP (80 hours LinkedIn Learning courses).
- MS Project excellent skills (40 hours' online course).
- Microsoft office (Excel, PowerPoint, Word).
- 3D modelling
- AutoCAD (10 years' practice)

SOFT SKILLS

- Project Management skills and certification
- Risk Management skills
- Engineering drawings/standards
- Planning and Scheduling
- Safety-First behavior
- 3D Printing Concrete
- 6 sigma and LEED education
- Contracts administration
- Effective Communication Skills
- Leadership and Team building
- Logic thinker
- Follow up tactics and strategies
- Public relations and Public speaking

WORK HISTORY

Office Civil Engineer *November 2020- present*
Consolidated Contractors Company CCC KSA/AlBawani - Riyadh, Saudi Arabia

KING KHALED INTERNATIONAL AIRPORT REFURBISHMENT OF TR1 AND TR2

Key responsibilities: Handling and assisting project handover to client including:

- Checking and insuring site works satisfactory completion and raising work inspection requests for acceptance.
- Preparing civil invoices as per approved works
- Claiming additional works and site instructions

Project Control Engineer *September 2019- November 2020*
Consolidated Contractors Company CCC KSA - Jizan, Saudi Arabia

Jizan Refinery and Utilities Project JRUP EPC 13/Jizan Refinery Tank farm JRTF EPC 4&5 Aramco Projects.

Key responsibilities: Handling and assisting in Disruption and Prolongation claim

- Gathering required data and backup information for the construction events.
- Monitoring cost and planning, performing control and coordination between construction and office teams.
- Building a strong case and holding proof of eligibility for compensation.
- Working with third party in Quantum Analysis.

January 2019- August 2019

Key responsibilities: Performing project closure and final acceptance for deliverable.

- Contracts administration and resolving disputed items with client and subcontractors with reference to the contract and governing laws.
- Cost estimation for change orders and site instructions including civil, mechanical and procurement.
- Experience in performing technical studies and evaluations.
- Achieved 20% more than the most likely scenario for prolongation claim submitted to main client (Hitachi).

Senior Civil Engineer *June 2018- December 2018*
Consolidated Contractors Company CCC KSA - Riyadh, Saudi Arabia

3D printing for a demo house utilizing CyBe robotic arm.

Built the first livable 3D printed House in the Middle East.

- The project was a to design and construct a 78 m2 villa prototype with 3d printed walls using a robotic arm (CyBe Netherlands) with cast in situ slab on grade and hollow core roof slabs with up to date finishing and furnishing.
- Execute and monitor the overall construction on site.
- Implemented and developed the 3D printing technology throughout lessons learned and close by monitoring of the process.
- Aid in the design process and come out with practical solutions for clashes and method statements for the new activities •Monitoring the printing process starting from the cement mix design, 3D modelling and slicing, robot setup and arm calibration up to the concrete pouring.
- Managed all of the finishing and furnishing works.
- Coordinated the Minister's Visit and grand opening of the demo house.

Senior Civil Engineer

February 2018- May 2018

BACS-Riyadh Metro Project - Riyadh, Saudi Arabia

Riyadh metro project- BACS consortium lines 1 & 2.

Assigned as a field engineer for elevated station 2A1 line 2.

- Planning construction methods and procedures.
- Interpreting design drawings and preparing shop drawings.
- Prepared field material purchase requisitions and schedules including material takeoffs, workforce and equipment requirements.
- Prepared field change documents and back charges notices.
- Monitored the installation of materials and equipment to assure conformance with drawings and specification.
- Achieved best station certificate regarding safety commitment and best progress for 2 consecutive months.

Civil Site Engineer

October 2015- January 2018

Consolidated Contractors Company CCC - Jizan, Saudi Arabia

Aramco Project JIGCC Jizan Integrated Gasification Combined Cycle Plant: Soot Ash Recovery Unit (SARU) project.

Held responsibility for the two substation buildings in the package; A 1300 m2 building consisting of precast wall panels and Double T slabs, 9m high cast in Situ walls, and a total of 3000 m3 of concrete pouring.

- Achieved the final handover to Aramco as per scheduled date.
- Finishing works including block work and plastering, water proofing system, gypsum board and insulation, internal and external paint, epoxy paints and tile works.
- Execution of foundations for steel structure and oil tanks from excavation to concrete works and anchor bolt installation up to back-filling. In addition to manhole works including pouring, placing grouting and testing.
- Conducting non Destructive testing for civil structures.

Civil Site Engineer

August 2014- June 2015

SFC - Beirut, Lebanon

- **Part Time at South for Construction (SFC).**
- Worked in their head project (UPGRADING OF HAZMIEH-SAOUFAR INTERNATIONAL ROAD) as a site engineer: Implementing shop drawings and monitoring construction works for roads, retaining walls, pedestrian bridges and tunnels.

EDUCATION

MSc Civil Structures and Materials 2014

Rafic Hariri University - Mechref

December 2014

Advanced topics such as: Structure Analysis II, Special structures, Composite Construction, Steel Structures and others.

Final cumulative GPA 88

(Placed 3 times on the RHU Honor list)

BSc Civil & Environmental Engineering 2013

Rafic Hariri University - Mechref

Final cumulative GPA 86

(Placed 6 times on the RHU Honor list)

CERTIFICATIONS

CyBe Robot RC 3Dp operator Certificate Basic Training.

OSHA Outreach Training 10 Hours.

Contract Formation, Administration, and Closure training (PMI—7 PDU's).

Public speaking and Presentation skills (PMI—10 PDU's).

Motivation, Team building and Communication Certificate (PMI—12 PDU's).

Planning and Scheduling 2 days' course (PMI- 15 PDU's).

Certificate of Appreciation: **Engineer of the Month** -SARU Project.

AFFILIATIONS

- **May 2019:** PMP Project Management Professional
- **May 2018:** CCC 3D printing committee and startup.
- **November 2016:** Saudi Council of Engineers
- **April 2015:** Lebanese Order of Engineers & Architects
- **January 2014:** ASCE: American association for Civil Engineers.

HOBBIES

Boxing, gym, reading books and researches.