

CURRICULUM VITAE

DERICK DANIEL DEVASIR

DATE OF BIRTH: AUGUST 26TH, 1996

E-MAIL: DERICK.DEVASIR@GMAIL.COM

MOBILE NUMBER: +91 90437 58802

RESIDENCE: VELLORE, TAMIL NADU, INDIA

WORK EXPERIENCE

Sept. 2020 – Nov. 2024 **Tilke & Partners**, Kingdom of Bahrain

Project: New Exhibition and Convention Centre (\$222 Million)

Mechanical Engineer, Full-time

- Coordinated and supervised the contractor consisting of up to 20 people in installations and tests of Soil Pipes, Sewer and Rainwater Pipes, Water Supply Pipes, Chilled Water Pipes, and Ductwork to ensure it is done right the first time.
- Prepared and submitted to the contractor over 50 HVAC (Ducting and Chilled Water layout), Plumbing (Domestic Water supply and Sewage layout), and Firefighting (Sprinkler and standpipe system) drawings using AutoCAD to solve coordination issues and provide site installation instructions.
- Received and inspected delivered materials/equipment such as PVC, PPR and ERW black steel pipes, isolating and regulating valves, galvanized and stainless-steel ductwork, HVAC equipment such as FCUs, AHUs, etc., and verified whether they met the required specifications and quality standards.
- Prepared and maintained daily reports of over 1000 site inspections with photographic information for the client.
- Identified and issued non-conformance reports (NCRs) related to mechanical services to the Contractor.
- Reviewed Shop drawings, Material approval certificates, Requests for information, and as-built drawings.
- Performed sizing calculations for HVAC ducts, chilled water, domestic water, and drainage pipes.
- Witnessed testing, adjusting and balancing (TAB) of Air Handlers and building management system (BMS) inspections to ensure proper integration with the mechanical equipment for remote monitoring and control.
- Participated in the snagging process to identify defects and notify the Contractor for immediate rectification.
- Ensured that the contractor worked ethically and adhered to health and safety guidelines.

EDUCATION

Sept. 2021 – Mar. 2024 Edinburgh Napier University

Master's degree in Construction Project Management (RICS & ICE Accredited)

Sept. 2014 – Jan. 2019 University of Bahrain

Bachelor's degree in Mechanical Engineering (ABET Accredited)

Mar. 2012 – Mar. 2014 The Indian School Bahrain (High School)

Higher Secondary Certificate (AISSCE)

LANGUAGE SKILLS

English, Tamil (Native Language), Arabic (Literate), Hindi (Literate)

SOFTWARE USED

Microsoft Office (Word, Excel, PowerPoint, Visio), AutoCAD, Revit

MEMBERSHIPS & CERTIFICATIONS

Engineering Council UK – Interim IEng

Engineering Council of India (ECI) – Associate Professional Engineer

CIBSE – Graduate Member

NEBOSH – International General Certificate in Occupational Health & Safety

SOCIAL MEDIA LINKS

LinkedIn Profile: www.linkedin.com/in/derick-devasir-mechanicalengineer