

# Dominic Joseph

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Mechanical Engineer

Abu Dhabi, U.A.E.



## Mechanical Engineer / MEP Engineer

### Professional Profile:

- Accomplished professional with an illustrious career in end-to-end mechanical engineering management, overseeing mega projects from initiation to completion. Known for meeting tight deadlines, optimizing resource utilization, and ensuring the highest quality deliverables. Experienced in driving continuous improvement through the resourceful use of cutting-edge mechanical technologies, combined with strong analytical and technical skills.
- Expert in the design, installation, and commissioning of mechanical systems across diverse sectors, including large-scale airport projects, commercial, and residential developments. Highly proficient in managing the complete project lifecycle, including planning, scheduling, cost control, and team leadership. Adept at developing and regularly evaluating schedules and costs, while efficiently managing teams and sub-contractors to deliver projects on time and within budget

### Academia

- Bachelor of Technology (B.Tech)**  
Cochin university of Science and Technology (CUSAT)  
Kerala, India 2008-2012
- Equivalency Certificate: Issued by the UAE Ministry of Education**  
Mechanical Engineering
- Project Management Professional (PMP)**  
CREDINTIAL ID:-3883116 Expires July2027

### Key Skills



### Professional Contour

**Current Project: -** Aug'2022 onwards to till date: TROJAN (ICAD Holding LTD.) as a Project Engineer

#### ❖ Midfield Terminal Building (MTB)-Abu Dhabi International Airport

- Planned Preventive Maintenance** – Managing team to execute routine maintenance of AHU, BCU, FCU, FAHU, CRAC, Chilled water pump secondary & dosing system, Fans (Life Safety, General, Toilet, Hoist, Transfer), Electric Water Heaters (Instantaneous & Tank), Filtration Systems, Hot Water Circulation Pump, Domestic

Booster Pump, Generator, Fire Alarm & Fire Fighting system, Lifting Stations Pumps, Sump Pumps, Water Dispenser, Drinking Fountain, Plumbing Fixtures and Water Tank Cleaning to ensure optimal utilization for same and to achieve customer desired objectives.

- ❑ **Complaints** – Assigning complaints to the team and on time completion of work as per KPI.
- ❑ **Checkout works**- Preparing of clearance report (check out) and accordingly managing the team to close turn around work (reinstatement) on time with all necessary approvals.
- ❑ **Coordination**- Coordinate with various subcontractors, operational manager, and client for smooth operation at site.
- ❑ **Clients/Tenant inspection**- Conduct move in & move out inspection for tenant and providing them satisfactory reports.
- ❑ **Closeout**-All punch list items are resolved, financials are settled, and contracts are closed to ensure the project is successfully completed, with all deliverables handed over on time and within budget.

### **Projects Worked: - Mar'2021 onwards to Jul'2022: TAISEI as a Mechanical Engineer**

#### **❖ Bandaranaike International Airport (BIA) Colombo**

- Location: - Colombo, Sri Lanka
- Client: - AASL
- Designer: - JAC/ NIPPON KOEI
- Main Contractor: - TAISEI CORPORATION

#### **Key Roles:**

- ❑ Coordinate with Planning Department and lead various MEP and related subcontractors for Project Plan preparation.
- ❑ Manage and coordinate sub-contractors which include Electrical, Special Systems, Elevator, Standalone X-ray Machine, BHS System, and related civil works of the project.
- ❑ Resolution of technical and commercial scope gap and scope overlap at interface points with other contract packages.
- ❑ Conducting MEP QA/QC inspections like material delivery, installation, commissioning along with client representatives/ project consultant.
- ❑ Distribute relevant QA/QC documents to Site Personnel/Subcontractor.
- ❑ Liaising with Site inspection for the Embedded Plates inspection with Client.
- ❑ Liaising with contracts department to verify variations and changes occurring during coordination and workshops with client and consultants.
- ❑ Carry out Project Quality Control instructions and action remedial responses
- ❑ Resolution of technical and commercial scope gap and scope overlap at interface points with other contract packages.
- ❑ Prepare the Site Observation Report (SOR) for any defective or inferior quality works observed at the site.
- ❑ Coordinate with the Company Representative on all quality matter.
- ❑ Developed comprehensive Requests for Information (RFIs) and Requests for Quotations (RFQs) to facilitate project procurement and clarify project requirements.
- ❑ Managed correspondence with subcontractors, consultants, and clients, ensuring clear communication and effective collaboration throughout project phases.

- ☐ Prepared professional letters and other documentation to support project objectives and maintain stakeholder engagement.

**Projects Worked: -Sep'2015 onwards to July'2020: TAV CONSTRUCTION as a Mechanical Engineer**

❖ **Midfield Terminal Building (MTB)-Abu Dhabi International Airport**

- Location: - Abu Dhabi, U.A.E
- Client: - ADAC
- Designer: - Arup
- Main Contractor: -TCAJV ( TAV, CCC and Arab Tec joint venture)

**Key Roles:**

- ☐ Review and understanding of mechanical scope of works including design and all related specifications.
- ☐ Review all related mechanical systems, including the HVAC system (including smoke management), BMS system, fire protection systems (pre-action, sprinklers, IG, foam systems), plumbing system (water supply and drainage), small power interfaces, fire alarm system, embedded systems, plate location platform, catwalk, and egress drawing of the BHS system.
- ☐ Preparing MEP installation and Testing and commissioning IR documents for client / consultant inspection.
- ☐ Providing day-to-day support to the Engineering and Project Managers as well as site construction managers.
- ☐ Witness various mechanical T&C such as pre-commissioning, air balancing, chilled water balancing, vibration and alignment test, and sound level test.
- ☐ Prepare the Site Observation Report (SOR) and Non-Conformance Report (NCR) for any defective or inferior quality works observed at the site.
- ☐ Undertake SHR (System Handover Request) inspections for various Mechanical, Fire Protection and Plumbing Services.
- ☐ Coordinating with different services before the installation to avoid clashes.
- ☐ Carry out inspection With QC (Quality Control) Engineers as per ITP (Inspection and Test Plan) attached with method statement.
- ☐ Managing MEP Testing & commissioning specialist teams
- ☐ Review and manage MEP logs for submittals and approvals of materials, drawings, inspections, information, instructions, and tracking.
- ☐ Project planning with manpower, material procurement and resources. Cost allocation for each individual item aligned with the project cost estimation, billing and variation claims.
- ☐ Review and manage MEP logs for submittals and approvals of materials, drawings, inspections, information, instructions, and tracking
- ☐ Field co-ordination and resolve problems related to construction and services installations.

**Projects Worked: -Aug'2014 onwards to July'2015: NCK CONSTRUCTION as a Site Engineer**

❖ **NCK Engineering and Construction Services PVT.LTD**

- Location: - Kerala, INDIA
- Client: - ASTER MEDI CITY, Lulu International Shopping mall

### **Key Roles:**

- ☐ Providing day-to-day support to the Engineering and Project Managers as well as site construction managers.
- ☐ Project planning with manpower, material procurement and resources. Cost allocation for each individual item aligned with the project cost estimation and billing.
- ☐ Installation of smoke extracts fan system including the duct work.
- ☐ Installation of plumbing services.
- ☐ Followed up mechanical work at site, ensuring timely completion of all tasks.
- ☐ Prepare material take off as per the approved shop drawing and submit it to Procurement department for arranging materials as per approved material submittals.

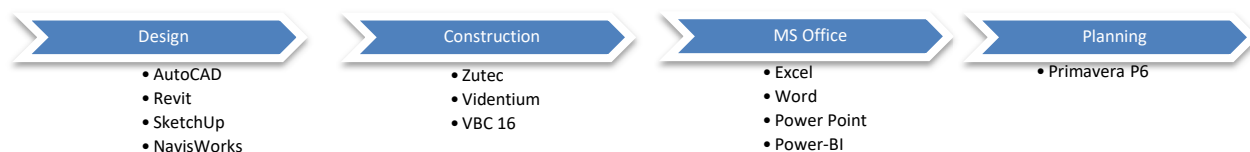
**Worked: -Aug'2013 onwards to July'2014: Service Engineer**

### **❖ Team 4 Bosch Car Service Center**

### **Key Roles:**

- ☐ Provided expert advice on vehicle maintenance, repairs, and warranty services while coordinating service schedules and ensuring timely completion of work.
- ☐ Acted as the primary point of contact for customers, managing service orders, addressing inquiries, and ensuring high levels of customer satisfaction.

### **Technical Skills**



### **Personal Details**

Date of Birth: 2<sup>th</sup> March 1991  
Gender: Male  
Linguistic Knowledge: English, Hindi, Tamil & Malayalam  
Nationality: Indian  
Passport No: V7329461  
Visa Status: Residential Visa  
UAE Driving License: Valid Driving License

### **Reference**

Will be furnished on request.

### **Declaration**

I hereby declare that the information furnished above is true to the best of my Knowledge.

Place: **Abu Dhabi – U.A.E**

Date: 01/10/2024

**DOMINIC JOSEPH**