



PROFILE

9 Years of Experience in MEP, Facility Management and Testing & Commissioning

Field within the technically challenged organization, where my professional experience, education, and abilities would be advantageous to the growth of my employer.

Knowledge of major utilities operations and engineering, data processing engineering applications and value engineering.

CONTACT

Nationality – Indian
Marital Status - Married
DOB - 27/08/1994

Email:
pradee.pan@yahoo.com

Contact:
[+971565764014](tel:+971565764014)

SKILLS

Construction	85%
Technical	85%
Commissioning	85%
Management	80%

PRADEEPAN BALASUBRAMANIAN

MECHANICAL ENGINEER

EDUCATION

Bachelor of Degree in Mechanical Engineering – Karpagam University

WORK EXPERIENCE

CSI, Commissioning Services International - KSA

Commissioning Mechanical Engineer
May 2024 – May 2025

JBK Controls - Qatar

Project Engineer (FFS & FAS)
Jun 2021 – Mar 2024

AJB - Qatar

Testing and Commissioning Engineer
Jan 2018 – May 2021

Keppel Alpine Engineering Services – Singapore

Mechanical supervisor
Oct 2015 – Oct 2017

CERTIFICATES

- Qatar - MMUP/UPDA Mechanical Engineer

KEY PROJECT

- Hamad Bin Khalifa Medical City – Qatar
- The Cuban Hospital Dukhan - Qatar
- Doha International Airport Refurbishment – Qatar
- Doha Oasis Project - Qatar
- Education City Stadium – Qatar
- Al-Wakra Stadium - Qatar
- Internal Security Forces Camp -Qatar
- Musheireb Downtown Phase-1 - Qatar
- Musheireb Metro, and green line Metro Stations - Qatar
- Kharama Electrical Substations – Qatar
- Riyadh Metro Project Line3 – KSA
- Tuas Shipyard - Singapore

DETAILED EXPERIENCE

May 2024 – May 2025
CSI

KSA
Mechanical Commissioning Engineer

Duties & Responsibilities:

- Manage smooth commissioning of the project by coordinating between the Owner and the Contractor.
- Supervise and approve commissioning plans in accordance with project guidelines.
- Review designs and supervise onsite commissioning activities.
- Prepare and maintain commissioning records of site observations, testing processes and checklists.
- Outline procedures, norms and details for writing the Systems Manual (if required).
- Monitor installation, submittals and usage of engineering tools adhering to project and commissioning guidelines.
- Guide testing processes and motivate specialists to achieve standard results.
- Assist with identification and rectification of commissioning deficiencies.
- Track and review progress through meetings.
- Evaluate contractual commissioning milestones and instruction guidelines in accordance with the needs of the project.
- Compile commission report data for summarizing.
- Assist in summarizing and updating commission records.
- Schedule and supervise operational reviews in association with functional staff.
- Create an empowering and inspiring work culture with the commissioning team.

Jun 2021 – Mar 2024
JBK Controls WLL

Qatar
Project Engineer (FFS & FAS)

Duties & Responsibilities:

- Maintain and plan daily / weekly / monthly works.
- Making daily plan by scheduling the work and assigned my team.
- Performed duties in accordance with established projects standard operating procedure and guidance.
- Pre planning the manpower and the material requirement for site.
- Inspection the work progress and making the completions as per target given by superior.
- Monitoring and assign preventive maintenance to the staffs.
- Implementing basic safety rules & regulations set by the company.
- Maintain the work area good condition and removing all wastage from the site.
- Coordinate subcontractors in various activities.
- Leading my team by motivating to achieve the schedule progress with good quality in work and without accidents.
- Checking the BOQ quantities from drawing submitting to the engineers.
- Maintain the list of variations as per the BOQ design changes the reworks submitting to the engineers.
- Preparing and maintaining monthly reports, technical reports, shutdown reports, and history logs.
- Communicate and organize training for the client/operator.

Jan 2018 – May 2021
AJB Contracting LLC

Qatar
Testing & Commissioning Engineer

Duties & Responsibilities:

- Verification of all installed MEP equipment as per approved Material submittals and drawings, submit deficiency report to T&C team.
- Reviewing Pre-Commissioning and Commissioning Check lists as per approved standards and installed equipment.
- Witnessing Testing and commissioning activities for AHU, FCU, Fan (ventilation fan & smoke extract fan) VAV, Chiller, Chilled water Pump, Domestic water Pump, chemical dosing system, chlorination system, fire hose cabinet, sprinkler system and CRAC unit according to approved standard and project specification.
- Attending functionality test and sequence of operation test for MSFD, FD, FM200 and smoke extract fan.
- Overall handling of equipment and system and performing the Partial & Standalone tests for System such as Ventilation Equipment, HVAC, Fire Suppression, Plumbing and Drainage.
- Performing Testing, Adjusting and Balancing (TAB) for Air system such as ventilation equipment (fan), AHU, FCU and VAV calibration.
- Reviewing provided contractor documents for TAB work and discussing the design and installation issues with design and T&C team.
- Troubleshoot the underperforming equipment and giving the proper solution liaising with T&C team to construction team for rectification/replacement.
- Familiar with all kind of instruments to perform the TAB work.
- Preparing and reviewing final TAB test report for all tested equipment for submission to client.

Oct 2015 – Oct 2017
Keppel Alpine Engineering Services

Singapore
Mechanical Supervisor

Duties & Responsibilities:

- Strategize on maintenance, work instruction and methods.
- Establish maintenance strategies to install and commission equipment.
- Create plant preventative maintenance procedures.
- Plan routine maintenance of plant equipment and machinery.
- Analyze breakdowns, diagnose faults and supervise time critical equipment repairs.
- Offer technical expertise to maintenance people like supervisor, foreman, fitters and technicians.
- Function as project development member to maintain new equipment.
- Work with reliability engineers to extend equipment life cycle.
- Oversee and control maintenance costs.
- Manage budget for current and future equipment upgrades and replacements.
- Schedule and obtain project material and manpower.
- Check work-in-progress and during completion to meet specifications.
- Estimate costs on equipment, systems and structures repair or replacement.
- Support ongoing preventative maintenance program.

Declaration

I hereby declare that all above furnished details are true to the best of my knowledge.

Place: Abu dhabi

PRADEEPAN.B