

ASHISH A PANDE

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INTRODUCTION

Mechanical Design Engineer (Static Equipment) having around **18 years of experience** in Engineering design (Lump sum & Reimbursable Execution and Modularization type execution) for various work domains & industries like Oil & Gas Refinery, Chemical, Petrochemical, Ammonia and Urea Plant, Tank fabrication, Manufacturing, Off shore Piping, PMC, EPCM, FEED, Proposals, Estimations, Tendering and Bid evaluation for Static equipment's with major executions for Projects in Saudi Arabia, Azerbaijan & Kazakhstan locations.

PROFESSIONAL RESPONSIBILITIES AND ESSENTIAL DUTIES

- Lead, Supervise, coordinate and advise engineering team as and when required
 - Man hour estimation, staffing plan, schedule reviewing, progress monitoring, reporting and Management
 - Review of Process flow diagrams (PFD), Piping & Instrumentation diagram (P&ID) & material selection diagram (MSD) for completeness
 - Interaction with Global offices on regular basis. Execution of work on vertical or horizontal split or share mode.
 - Regular participation in 3D Model Review and Front end engineering (FEED) as required
 - Evaluation and selection of mechanical equipment and configuration
 - Preparation, review & approval (as defined role or task) of equipment data sheets(MDS), technical specifications, drawings, standards, material requisitions (MR) for bids & purchase requisitions (PR) for award of final order
 - Involvement in bid review, technical clarifications, bid evaluations & recommendations
 - Detailed Engineering, Vendor documents review for completeness meeting Project requirements
 - Provide engineering solutions and perform activities seeking development of products or processes
 - Supporting Procurement in finalisation of Mechanical equipment supply
 - Complete ownership and responsibility of provided task or responsibilities from beginning till end
 - Engineering meeting or coordination or follow up with Client, Vendor, other disciplines (local & globally located offices), Construction site teams for technical inputs or documents or for any trouble shooting
 - Ensure quality and timely delivery of all activities and deliveries as assigned under defined budget
 - Change management, timely response to Site queries, responding to request for information (RFI) and non conformance report (NCR)
 - Recruitment, mentoring, training and performance appraisal
 - Capture, discuss and implement lesson learnt
 - Provide proper technical & leadership guidance as and when required to team members
 - Resolve team / Project related technical issues in coordination with internal and external stakeholders including clients
 - Enhance & improve standards, Procedures, Work Processes etc. to ensure continuous improvement within department
 - Ensure all discipline activities comply to our HSE framework
 - Responsible for supervision and co-ordination of the process system design activities and interfaces in the group
 - Participating in Internal Audit & Peer Reviewing for other Projects
 - Travelling across offices, sites, vendor shops locally/globally for various technical meetings like kick off meetings (KOM), site visits etc.
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CARRIER EXPERIENCE

Mechanical Design Engineer III

Sep 2015 – Feb 2021

Fluor Daniel India Private Limited, New Delhi - India (www.fluor.com/india)

- Project : CDU/VDU With Hot Well Off Gas Treatment Unit
Client: HPCL Rajasthan Refinery Ltd/EIL, India
- Project : Future Growth Project / Wellhead Pressure Management Project
Client: Chevron, Kazakhstan

Deputy Manager, Mechanical Engineering Department
Samsung Engineering India, Noida - India (www.samsungeengineering.com)
• Project: SOCAR Ammonia & Urea Complex Project
Client: SOCAR, Azerbaijan

Dec 2013 – Aug 2015

Joint Manager, Mechanical Engineering Department
Indian Oil Tanking Limited, Mumbai – India (www.iotl.com)
• Project: SOCAR Ammonia & Urea Complex Project
Client: SOCAR, Azerbaijan

Aug 2013 – Nov 2013

Mechanical Design Engineer
Hidada Limited, Nagpur – India (www.hidada.com.sa)
Projects carried out in Hidada for Saudi Arabia locations:

July 2006 – July 2013

- **Projects:** King Abdulaziz International Airport, KSA (Client: General Authority Of Civil Aviation), PP12 Combined Cycle Project, Riyadh (Client: Arabian Bemco/Saudi Electricity Company), Upgrading Hout Facility, Jeddah (Client: Saudi Arabian Oil Company), Ras Al Khair Power & Desalination Plant, Jeddah (Client: Al Arab Contracting Company), Wasea Bulk Plant (Client: Sinopec/Saudi Aramco), Rabigh Power Plant (Client: Doosan Engineering), Rabigh Refining & Petrochemical (Client: Mitsui Shipbuilding), Manifa Cogeneration & Main Substation (Client: Tecnicas Reunidas/ Saudi Aramco), Tabouk Power Plant (Client: National Contracting Company), Duba Power Plant (Client: National Contracting Company), Rabigh Power Plant (Client: Petro Rabigh), Rabigh Power Plant (Client: National Contracting Company), Tihama Power Plant (Client: AL-Toukhi Company for Industry & Trading) , Khurias Water Injection Facilities (Client: Saudi Aramco/ Snamprogetti),Qurrayah Power Plant (Client: Saudi Aramco/Snamprogetti)

Mechanical Design Engineer
Supreme HI Tech Engineering Services Limited, Mumbai – India
• Project: ONGC Offshore Fields
Client: ONGC, India

Aug 2001 – Dec 2003

PROFESSIONAL KNOWLEDGE & SKILLS

- **Local & International design codes & Standards :** API 650, API 620, API 653, API 2350 , API 2000, UL-58, UL-142, IS Codes, ASME, TEMA, NACE MR0103/SP0294, AWWA-D100, UBC, WRC-107 /297, ASCE,
- **Client specific Standards & Specifications:** Kazakh Standards, SNip, GOST, Engineering India Ltd, Saudi Aramco etc
- **Static Equipments :**
 - Storage Tank Design & Fabrication up to 85m diameter (roof type: Fixed, Floating (internal, external, single & double deck), Cone, Dome, Aluminum Geodesic
 - Pressure Vessels, Columns/Towers, Heat Exchangers
- **Offshore Piping**

SOFTWARE TOOLS

E-Tank AMETank STAAD.Pro AutoCAD Compress PV-Elite Micro soft Office

TRAVEL HISTORY ON BUSINESS TOUR

On regular basis as a part of assigned responsibilities visited places like United Kingdom, Kazakhstan and Saudi Arabia for various Project related meetings. Also travelled many industrial sites of Saudi Arabia like: Jeddah, Jubail, Tihama, Tabouk, Duba, Rabigh, Wasea, and Yanbu while executing Projects of Saudi.

PASSPORT DETAILS

Passport No: K4970858

Valid Till: 22/05/2022

EDUCATION

Masters in Mechanical Engineering Technology (MTech) 2004 - 2006

Visvesvaraya National Institute of Technology (VNIT), Nagpur – India (<https://vnit.ac.in>)

Bachelors in Mechanical Engineering (BTech) 1997 - 2001

Visvesvaraya National Institute of Technology (VNIT), Nagpur – India (<https://vnit.ac.in>)