

GUNASEKARAN.M

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Seeking managerial assignments in Design Engineering/ Project Coordination with a leading organization of repute

Profile Summary

- **Around 10+ years** of experience in Design Engineering, Techno-commercial Matters and Project Coordination.
 - Strong abilities in creating/ reading/ interpreting engineering drawings with proficiency in designing & developing new products in conformance to pre-defined technical specifications.
 - Exposure in preparing / maintaining process modules & following up design and development initiatives.
 - Comprehensive knowledge of CAD tools like AutoCAD, Autodesk Inventor & CATIA
 - Designing of Gas Conditioning equipment and seal gas panel.
 - Basic knowledge of GD&T
 - Excellent communication & interpersonal skills with proven abilities in resolving complex issues.
 - Good Team Player.
 - Grooming the team members to the business demands and help them perform to expectations
 - Adapt quickly to changing business and customer need.
 - Perform engineering administration activities that feeds the downstream processing.
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Career Contour

1. Organization : Flowserve India Controls Pvt. Ltd., Chennai

Designation : Engineer

Duration : Since Apr'18

Key Result Areas:

Design Engineering:

- Design and drafting in Pressure containing equipment, Fabrication, Heat Exchanger manufacturing, piping design for Chemical Process / Power industry. Specially Designing of Gas Conditioning equipment and seal gas panel.
- Generate detailed component, assembly drawings and bill of materials with design and drafting standards.
- Performing technical review of projects input info for completeness and correctness.
- Lead the project independently and take complete ownership on deliverables.
- Undertake new design assignments from BU
- Serve as Technical lead and provide solutions to various engineering challenges encountered on routine basis
- Liaise with various component manufacturers on need basis and obtain pertinent data or info related to designing of panels.

Project Planning & Management:

- Perform task associated with new design opportunities to enhance products cost and / or lead times to plan.
- Engineering Business system record creation and maintenance of data in business systems
- Proper sizing and selection of hardware's, field instruments, Thermal aids etc., applied in auxiliary systems of mechanical of seals.
- Facilitate relationship between design and engineering team to effectively develop and deliver project proposal drawings.
- Perform routine design calculations using the established computerized and manual calculations.
- Develop adoptive designs that meet customer order requirements and fit available equipment envelopes.
- Embrace CIP culture and promote improvement initiatives that improve the efficiency of process and team, performance and reliability of product.
- Cascading the new techniques or short cuts on design tools by involving in knowledge sharing sessions with the team, external contacts.

1a. Organization: Flowserve India Controls Pvt. Ltd., Chennai**Designation : Assistant Engineer****Duration : Since Sep'11 – Apr'18****Key Result Areas:****Design Engineering:**

- Reviewing engineering / design changes & resolving quality related problems associated with design.
- Understand and execute tasks associated with Engineered products as per work instruction.
- Assisting and modifying drawings in coordination with engineers / designers in value engineering field.
- Proficiency in handling GA, BOM & part detailing of all type of seal products.
- Supporting for drawing revision, regarding design changes or customer comments.
- Creating 2D detail drawings of Mechanical seals with global engineering standards.
- Creating 3D models of mechanical seals using Autodesk Inventor.
- Develop conceptual designs that meet customer order requirements and fit available equipment envelopes.
- Reviewing 3D requests from manufacturing team and allocating the same to other team members.
- Creating Inventor models for NC programming and co-ordinate the job status between team members and customers.
- Knowledge on Product based/ equipment based seal designs.

Project Planning & Management:

- Establishing time span of project execution as per client specifications.
- Listing down the resource needs for projects, after considering the budgetary parameters set.
- Consolidate project requirement and create design guideline document for engineering.
- Learn consistently and share the best practices and knowledge to the team members.

Quality Assurance:

- Identifying areas of obstruction and advising on system and process changes for qualitative improvement.
- Ensuring high quality of all components made and making improvements for achieving better quality.
- Checking the correctness of the designs originated by associates to ensure error free issue to downstream functions.

Man Management:

- Directing, leading and motivating workforce for accomplishing greater operational effectiveness/ efficiency.
- Rendering technical guidance to the fellow new comers.
- Effectively utilize (reporting/interpreting/analysing) establish business system features in day-to-day business.
- Conduct basic engineering analysis under supervision.

2. Organization : Fujitec India Pvt. Ltd., Chennai**Designation : Assistant Engineer****Duration : Oct'08 – Sep'11****Key Result Areas:****Design Engineering:**

- Preparing GA drawings (layouts) of lifts & Escalators as per customer requirement.
- Supporting for drawing revision, regarding design changes & customer comments.
- Reviewing customer architectural drawings & drafting lift & Escalator layouts.
- Preparing 3D rendering models of elevators using Autodesk Inventor.
- Perform routine design calculations using the established computerized and manual calculations.
- Facilitate relationship between design and engineering team to effectively develop and deliver project proposal drawings.

Project Planning & Management:

- Consolidate project requirement and Maintaining design guideline document for engineering.
- maintenance data of project related documents, whenever needed modification driven from customer end.
- Co-ordinate with sales team to achieve better quality outputs for customers.

Quality Assurance:

- Ensuring high quality of all products made and making improvements for achieving better quality by cross check with previous project experience.
 - Checking the correctness of the designs with global standards as well as customer requirements to ensure error free output.
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Professional Achievements:

Award : "Spirit of Flowserve "on 2014

Organization : Flowserve India Controls Pvt. Ltd

Reason : This appreciation award presented by Flowserve management for my contributions and willingness to help the organization be successful, particularly **to support the manufacturing department by creating 3D models** of seal parts. My efforts exemplify the values that distinguish and define the company. This award reflects that appreciation, recognizing of my significant part in the success of our organization.

Award : "Spirit of Flowserve "on 2017

Organization : Flowserve India Controls Pvt. Ltd

Reason : This appreciation award presented by Flowserve management for my contributions and willingness to help the organization be successful, particularly **to support the manufacturing department by creating 3D models** of seal parts. My efforts exemplify the values that distinguish and define the company. This award reflects that appreciation, recognizing of my significant part in the success of our organization.

CAD Tool knowledge:

- AutoCAD,
- Autodesk Inventor,
- CATIA V5
- Pro-E

Functional Knowledge in CAD tool: (Autodesk Inventor)

- Solid modeling
 - Assembly Design
 - Detailing
 - Panel Design & Detailing (Piping)
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Academia:

Course : Diploma in Mechanical Engineering

Institute : P.A.C. Ramasamyraja Polytechnic College, Rajapalayam

Year of passing : 2008

Class : First class with Honors (82.99%)

Course : HSC

Institute : Govt Hr Sec School, Odaipatty

Year of passing : 2005

Class : 64.83%

Course : SSLC

Institute : Govt Hr Sec School, Odaipatty

Year of passing : 2003

Class : 93.6%

Personal Dossier

Date of Birth : 15th May 1988
Current Address : #41/42, Adhipureeshwarar nagar, Perumalpattu, Veppampattu-602024, Tamil Nadu
Permanent Address : 32A/86, Puthukinattru Street,
Chinnamanur – 625515. Uthamapalayam (TK), Theni (DT), Tamil Nadu
Marital status : Married
Linguistic Abilities : English and Tamil
Driving License Number: TN67Z20070005402
Passport Number : R9947520

DECLARATION

I consider myself familiar with Mechanical Engineering aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

Thanking you,

Date:

Yours truly,

Place:

(GUNASEKARAN.M)