

OBJECTIVE:

Seeking a position in your organization to use my skills and ideas effectively for the growth of my professional career along with the company.

COMPANY : GROWA (F.E) Pte Ltd. (SINGAPORE).

COMPANY PROFILE : FACBRICATION & SERVICING OF EOT CRANES & MATERIAL HANDLING EQUIPMENTS.

AUTOCADD / PROJECT ENGINEER-: SEPTEMBER 2014 – DECEMBER 2020 (6 yrs 3 months)

Ensuring that all engineering work is carried out in accordance with specifications, statutory requirements, laws, rules, regulations and other contractual requirements. With due regards to safety, operability and maintainability

ROLES AND RESPONSIBILITIES (PROJECT ENGINEER) :

- Site measurement for preparing general layout drawings.
- Managing projects from conception, pre-production through to completion.
- Scheduling projects in ordered steps.
- To assign tasks for technicians to fabricate and servicing.
- Providing technical support to the project team and wider regional teams.
- Responsible for overseeing the review, initiation and execution of contracts.
- Overseeing the maintenance of projects after completion.
- Responsible for the completion of all documentation like Vendor Document Request (VDR).
- Producing Test Plans and reports.
- Prepare contract documentation for procurement services and materials.
- Liaising with customers on a regular basis to ensure the successful design and manufacture of products to agreed budgets and time frames.

ROLES AND RESPONSIBILITIES (AUTOCADD ENGINEER) :

- Experienced in the design and calculation related to all mechanical and structural of Cranes like Single & Double girder EOT Cranes, Semi portal Gantry Cranes, Pillar mounted jib cranes, Box up crane, Under hung Cranes and Spreader beam for Indoor, Outdoor and offshore/Vessel applications.
- Selection of Beam size for single girder, double girder, runway & columns as per EUROCODE CODE 1 PART 3 standards.
- Checking of stress, deflection for I beams and buckling, stress induced in columns using Autocad and Solidworks.
- Preparing General Assembly drawing / Layout drawings for customer and manufacturing drawing with bill of materials for fabrication work.
- Explained drawings to production teams and provided adjustments as necessary.
- Ability to interpret technical information in a clear and precise manner.
- Actively participating in problem solving analysis and technical discussions and support Lead Engineer with input and analysis to support decision-making

PROJECTS HANDLED :

- Design and calculated 16 ton double girder Box-up EOT crane and 5 ton single girder Under hung EOT crane at PT. karyasindo samudra biru shipyard (Indonesia).
- Design and calculated 15 ton double girder Box-up EOT crane and 10 ton double girder Box-up EOT crane and 7.5 ton single girder Under hung EOT crane at Lim teck Yong (Singapore).
- Design and calculated 8 ton single girder Under hung EOT crane at ST Kinetics (Singapore).
- Design and calculated 1000kg, 500kg, 250 kg A-frames gantry cranes with manual chain blocks and electric chain hoists.
- Supervised and installed 5 units of Stainless steel (SS 304) light crane system (KBK) at Novartis bioPharmOps (Singapore).
- Supervised and installed Emergency baggage chute at Terminal-4 changi airport (Singapore).
- Designed and calculated Lifting Davit Jib crane (0.5t, 1t, 3t) for MODEC (MV34 ENI Mexico).

COMPANY : ROTOAUTO ENGINEERING SOLUTIONS Pvt LTD (CHENNAI -INDIA).

COMPANY PROFILE : FABRICATION AND SUPPLY OF IMPELLERS AND PELLETIZING DISC.

CADD ENGINEER -: AUGUST 2011 – SEPTEMBER 2014. (3 yrs 1 month)

Responsible for design , drafting , 3D design, construction and assembly drawings for fabrication as per customer request.

ROLES AND RESPONSIBILITIES (AUTOCADD ENGINEER) :

- General Assembly and Detail drawing preparation for process fans
- Creating 3D Part Modeling and Assembly of Fans by using Solid works.
- Preparation of detailed drawings of Heavy Rotary Equipments from site.
- Creating General Assembly 3D Modeling Pelletizing Disc 7.5m &7.7m
- Preparing bill of materials.
- Providing cutting plan for plates using AutoCAD & FAST CAM Nesting software to ensure maximum usage of plate and minimize the wastages.
- Configure CNC program for cutting of plates using FAST CAM software for fabrication.
- Preparing Purchase request to procure materials from B.O.M using Enterprise Resource Planning (E.R.P – ORACLE).
- Responsibility of Documentation & installation guide, project reports.

PROJECTS HANDLED :

- Clinker Crusher for ICL-Sankari.
- ID FAN & FD FAN FOR NTPC- TALCHER.
- Reverse Engineered Cooler ID Fan for ICL-Yerraguntalla.
- Reverse Engineering and changing of end pins for TNPL , ESSAR , TTPS impeller drive shafts.
- Bearing housing for NTPC – FARRAKA and ESSAR steel.
- Process fans for steel ,sugar and process industries.

SOFTWARE SKILLS:

- Drafting Tools : Auto CAD 2015, Draft Sight .
- 3D Tools : SOLIDWORKS 2011, 2012.
- Office Tools : MS OFFICE , OPEN OFFICE.
- NESTING SOFTWARE : FAST CAM

EDUCATIONAL QUALIFICATION:

- Year : 2007-2011
- Degree : Bachelor's in Mechanical Engineering.
- Institution Name : Sri Muthukumaran Institute Of Technology, Chennai, India.

ADDITIONAL CERIFICATION:

- Certified in AUTOCAD software trained in MSME Development Institute, Chennai, India.

PERSONAL PROFILE:

- Name : Durga Karthik
- Gender : Male.
- Date of Birth : 27th MARCH 1989.
- Notice period : Immediate
- Passport No. : U0505026
- Languages Known : Tamil & English.
- Marital Status : Married
- Nationality : Indian.

DECLARATION:

I declare that the above particulars are true to the best of my knowledge and belief.

Place: Chennai - India

Date:

Yours Faithfully,
Durga Karthik.V