

QASIM ALI

CHAK NO 33/1AL POST OFFICE SAME TEHSIL RENALA KHURD
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OBJECTIVE:-

A committed and hard-working person with ability to work efficiently both individually and within a team. Enjoy working under pressure and to deadlines. Summarize myself as an enthusiastic and energetic individual with strong technical, interpersonal and project management skills.

EDUCATION:-

- **B-Tech (Mechanical Technology).....1st division**
From Preston Institute of Management Science and Technology (PIMSAT)
- **Diploma of Associate Engineer (Mechanical Technology).....1st division**
From Government College of Technology Sahiwal (PAKISTAN)
- **Matriculation (Science) With Engineering Drawing.....1st division**
From Government Higher Secondary School Renala Khurd (PAKISTAN)

PROFESSIONAL TRAININGS:-

- **Auto PLANT 3D** Training conducted by “Engineering systems Training Center” for (Piping 3D, Equipment, Interference Detection Auto Isogen and Auto PIPE Plus)
- Auto plant modules including equipment, piping, isometric, instrumentation.
- **AutoCAD** Training Course from Computer Training Centre, Islamabad.
- **Computer Software's** nine months Course from Pixel Institute of Computer Sciences.

PROFESSIONAL COMPUTER COURSE:-

- **Auto PLANT 3D** (piping, equipment, and Isogen)
- **AutoCAD**.....(2D/3D)
- **Microstation v8**
- Microsoft Office
- Internet Browsing
- Netsurfing, Multimedia & other advance software's in operating system (windows XP)

WORK EXPERIENCE:-

CURRENT EMPLOYMENT.....CENTRAL WORK SHOP (CWS)

(Nov, 2005 To date).....(**Position: Senior Designer / Design Supervisor**)

MECHANICAL / PIPING

10 YEARS EXPERIENCE IN:

DESIGN, DRAFTING (Mechanical / Piping), FABRICATION & INSTALLATION:

Design Fields: MECHANICAL / PIPING / FABRICATION / EQUIPMENTS

Drawings: For All Fabrication / Piping 3D Models / Layouts / Isometrics / P&ID / DFD, PFD, EFD, / Detail Drawings / Mechanical Parts & Assemblies Drawings / Detailed Engineering & Reverse Engineering / Other Design Documents In 2D & 3D.

Related Projects:-

- **CHASHNNUP NUCLEAR POWER PLANTS (C1, C2, C3, C4)**
- **KUNDIAN CHENICAL INDUSTRIES (KCI)**
- **SUI GAS PROJECT (SGP)**
- **Services & Facilities (S & F)**

Related Divisions & Workshops :-

**PIPING / MECHANICAL / FABRICATION SHOP / MACHINE SHOP / SS WORK SHOP /
PRECISION MACHINE SHOP / PREFABRICATION SHOP / UTILITIES / CHEMICAL**

Presently working in (CWS) Design Office as Senior Tech Mechanical Designer. As Senior Tech Mechanical Designer performed my duties contributing towards mechanical drawings, 3D Models of Piping Networks, Mechanical Sketches of Equipments, and Layouts for Equipments & Piping., One Line Piping Master Drawings, and DFD's, PFD's, EFD's, (P&ID) and Isometrics drawings for piping networks, and Piping supports drawings all Fabrication Drawings, Detail Drawings for Mechanical Parts & Assemblies. Modifications and Readjustments,

changes & As built Drawings as per requirements of departments.

Design & Drafting Skills:-

- Provide relevant technical data to Senior Design Engineers / Principal Design Engineer by conducting site visits, reviewing existing drawings, data sheets, specifications and standards on design matters during initial design, detailed engineering, fabrication / installation and commissioning stages of projects.
- Responsible in creating and controls all drawings and specifications for construction based on equations, calculations and written instructions provided by Senior design engineers and manager for use during the construction process at job site.
- Prepare sketches and shop drawings for fabrication, for mechanical and for piping modification including civil, structural, and I & C, instrumentation and Piping layout, section elevation as per actual measurement.
- Able to use manual drafting skills to draw plans that cannot be done or generated by computer. as it entails fine-tuning and revising of plans to meet construction and installation requirements.

Major Responsibilities:-

- Preparation of piping Systems 3D Models and Isometric drawings for Process, Mack up, Utilities, Chillers, Boilers, Cooling Towers Chilled Water Pumps and Cooling Water Pumps and air compressor.
- Preparation of Equipment Layout Drawings, Piping Layout Drawings and Isometric drawings, according to Prides.
- Computer based Piping Integrated Design using latest 3D Modeling Modules e.g. AUTOPLANT to generate Isometric Drawings of Piping systems.
- Designing of piping network routing from P&ID using Auto PLANT modules (piping, equipment).
- Working experience of Stress Analysis of Piping Systems using AUTOPIPE Analysis Software.
- Modifications and Readjustments of the piping routes of process assemblies.
- Developing general layout of Piping, Process Equipments, Chillers, Condensers, Heat Exchanger and Pumps.
- Developing general layout piping drawing as well as fabrication drawings, spool drawings and Revision of isometric drawings generated from Auto PLANT Isogen.
- Preparation of BOQ'S for different Areas.
- Preparation of Presentation/reports regarding each completed area.
- Preparation of Fabrication drawings, Detail drawings & Layout drawings for Installation of various kinds of vessels (Horizontal / Vertical).
- Preparation 3D Models of different Mech. Parts and fabrication drawings.
- Preparation of mechanical sketches such as equipments, pumps & their connectivity etc.
- Preparation of as built drawings such as Isometrics, PFD's, EFD's, DFD's, Civil Drawings, Piping system Drawings, Longitudinal & Transversal Section Drawings etc.

Project Management and Inspection Skills:-

- Inspection all fabrication and installation works in a work shop or on a site and provide all drawings documents and technical details for current job.
- Lead a team of (Piping/Mechanical) supervisors (temporary, as required), providing related direction, guidance and advice during installation works on my designed works.
- Control and supervise the site construction/installation of project works like piping, equipments installation and fabrication works.
- Supervised and leads piping crews, ensuring all aspects of performance and work are in compliance with project specifications and standards.
- Supervision of site construction works to assure compliance with drawings and specifications.
- Co-ordination with other groups according to the design requirements of the project.

Previous Employment:- (02)

HMC-3

HEAVY MECHANICAL COMPLEX-3

Performed duties on attachments as Senior Tech Mechanical Designer in design office of HMC-3 for project's design works.

My duties contributing towards mechanical drawings, 3D Models of Piping Networks, and Mechanical Sketches of Equipments, One Line Piping Master Drawings, and DFD's PFD's, EFD's, and Civil drawings, Structural drawings, and Isometrics drawings for piping networks, and Piping supports drawings .

Design:

- Understand fully the piping & instruments diagram (symbols of equipment's instruments, Piping, Vales, Fittings, etc...) and the civil and architectural drawings related to the plant.
- Preparation the equipment's general arrangements as per technical information & recommendation received from equipment's supplier.
- Route the piping as per good engineering practice (to consider accessibility equipment's and instruments maintenance requirement, Piping spools installation and replacement, etc...)

- Design the piping fittings, the equipments connection as per supplier or project's technical information, the valves connection as per valve type and piping material specification, and the instrument connection as per hook-up drawings, the appropriate pipe support type and location.
- Preparation the technical room general arrangement.
- Generation site piping BOM (bill of materials).

Generate the Fabrication Drawings

- Preparation fabrication details for skid base frame, sunshade structure, ladder and platforms structures, pipe supports, etc....as per good engineering practice and applicable client specification and standards.
- Preparation fabrication details of ASME pressure vessels and atmospheric tanks based on calculation notes and sketches prepared by design engineer.
- Understand structural steel sections, the welding details (type and symbols), and the bolting details for bolted connections.
- Generate isometric and piping spools drawings with Bill of Material.
- Assist the design engineer in verification the material requests as prepared by fabrication engineers.

Generate 3D Drawings:

- Preparation 3D Models based on Auto PLANT 3D, AutoCAD, and Micro station.

Miscellaneous:

- Develop new blocks and templates (part of engineering standardization project)
- Provide print soft copies of the issued drawings.
- Preparation As-Built drawings as Mark-Up drawings prepared by fabrication engineer.
- Preparation and submit daily time sheet.
- Reviews work order and procedural manuals to determine critical dimensions of design.

Performance Standards

- Adherence to procedures & instructions.
- Smooth flow of day-to-day operations.
- Accuracy of Designs/Drawings
- Accuracy and timely submission of Designs/Drawings
- Quality of Designs/Drawings
- Feedback from project engineers

Previous Employment:-(01)



(Jun, 2004-November, 2005)..... **IKAN ENGINEERING SERVICES LAHORE**

- Worked as Mechanical Draughtsman in **IKAN Engineering Services Lahore** from 1st -Jun-2004 to 28-Nov-2005.
- **Drawings: All for Fabrication / Piping 3D Models / Layout / Isometrics / P&ID / Assembly Drawing / Detail Drawings / Mechanical Parts in 2D & 3D.**
- I worked there all fabrication drawings & documents. Mostly important design & fabrication works.
- Drawings for all types of telecommunication & electricity towers, detail drawings of Vessels & Tanks.

APPRECIATIONS CERTIFICATE:-

- Appreciation certificate awarded by Project Director of **KUNDIAN CHEMICAL INDUSTRIES** on performing excellent job in **"Piping/Mechanical"** Design works.

PERSONAL INFORMATION:-

Father's Name:	ROZDAR KHAN
Religion:	Islam
Date of Birth:	1 st August 1981
Marital Status:	Married
Domicile:	Okara (Punjab)
Nationality:	Pakistani
C.N.I.C. #:	35303-9481400-5
Languages:	English, Urdu, Arabic, Punjabi
Passport #	PN1794002 [Dated 13 Dec 2013 To 12 Dec 2018]

REFERENCES:-

Mr Haji Ghulam Abbas:-

Project Manager: (IKAN ENGINEERING SERVICES LAHORE) Voice: +923457656369