

**To,  
Head HR,**

**Subject: Application for the Post of Design Engineer/Senior Draftsman/Designer**

Respected Sir,

From reliable sources I have come to know that the subject post is lying vacant under your kind control. I offer my services for the same. MY CV is enclosed here with and perusal of which, I am confident will convince you on my fitness for the position applied for.

I would like to thank and glad to introduce myself As **Mohammad Imran Ali** a professional Multi discipline **Draftsman/Designer** such as shop drawing, as built, Redlines Drawings, Modification and Layouts.

Furthermore, I have good command in different program like AUTOCAD 2D & 3D-R 20, Micro Station V8i (SELECT series 3), Sketch up & Basic Revit, Adobe Photoshop 7.0, Proficiency in MS-Word, Excel, MS Outlook, MS Access & MS Power point and installation of MS Window.

I worked with several organization in the past such as, Saudi Aramco, Royal Commission Projects, Commercial Industrial, and Satellite GOSP Project.

I request you to consider my services with valuable prices for your upcoming requirements.

And I assure you that if I have given a chance you will take long witness for your satisfaction on my performance.

Looking forward with interest.

Sincerely  
Thanks, with Best Regards.

**IMRAAN ALI**

**CURRICULAM VITAE**  
**SENIOR DRAFTSMAN /DESIGNER**



**PERSONAL INFORMATION**

<b>Iqama Status:</b>	<b>KSA Transferable</b>	<b>Date of Birth:</b>	<b>01/01/1987</b>
<b>Email:</b>	<b>imraan_ali@ymail.com</b>	<b>Nationality:</b>	<b>Indian</b>
	<b>i.ali@siscosaudi.com</b>	<b>Religion:</b>	<b>Islam</b>
<b>Cell:</b>	<b>00966571637497</b>	<b>Marital Status:</b>	<b>Married</b>
<b>Current Trade:</b>	<b>Senior Draftsman</b>	<b>Languages:</b>	<b>English, Urdu, Hindi, Arabic</b>
		<b>Present Address:</b>	<b>Riyadh, Saudi Arabia</b>

**CAREER PROFILE**

To be a part of professional company with scope for a challenging career opportunity for learning & continuous improvement coupled with growth, individual development, utilizing my technical skills to achieve the intended target. The position should allow the application of my skills and able to take the lead in achievement of the assigned objectives.

**EDUCATIONAL QUALIFICATION**

- 10<sup>th</sup> from B.S.E.B Patna in 2001.
- 12<sup>th</sup> from B.I.E.C Patna in 2003.
- B.A from J.P (University) in 2006.

**PROFESSIONAL PROFILE**

- Three Year Diploma **AutoCAD DRAUGHT'S MAN (Mech+)** Course from Veer Saverker Basic Training Centre, Pusa, New Delhi, 1100062
- Six Months Diploma in **INDUSTRIAL SAFETY** from NATIONAL INSTITUTE OF LABOURE EDUCATION & MANAGEMENT (NILEM) N. 59, Second Street, Parameshwari Nager, Adyar, Chennai -600 020
- **AUTOCAD (2D & 3D)** From NOBEL INSTITUTE OF ENGINEERING DESIGN & SOLUTIONS (NEW DELHI-35) INDIA.
- Land **Surveying 3** months Training of GPS in Saudi Arabia.

**SUMMARY OF OVERSEAS EXPERIENCE**

**1. SPECIALIZED INDUSTRIAL SERVICES COMPANY LTD. (14/02/2018 to Present)**

**Client: SAUDI ARAMCO.**

- ❖ **Project:** Master Gas Over Pressure Mitigation Facilities Project  
**(Saudi Aramco Pump Station 01 to 11, Riyadh Refinery, Power Plants)**
- ❖ **Project:** Construction 56" Quad-2 Qurayyah Sea Water Pipelines.



**Position: SENIOR PIPELINE DRAFTER/DESIGNER**

➤ **Responsibilities include: -**

- Act as a Lead for all MEP Drafting and Designing and prepare Site survey report,
- Preparing Construction drawing as per instruction of Engineering & Design Department and submit for approval.
- Preparing as built Mechanical, Civil, Electrical, Structural drawings for the projects as per site conditions and as per (SAUDI ARAMCO STANDARDS) Collect and organize the classification of the red marks & Prepare/maintains pipe stringing log book as per daily activities.

- Capability to make construction drawings (IFC) and presentation drawings.
- Telecommunications indoor & outdoor sites & Single Line Diagram, E & I Cable routing and Cathodic protection system overall pipelines route map diagram Etc.
- Prepare all E & I drawings as per (SAUDI ARAMCO STANDARDS) like: IIS, ECD, ISS, ILD, IPD, ISD IPL, C & CS (cable & conduit schedule) Panel schedule & Instrument mounting details and hook-up drawings.
- Checks on site compatibility of piping drawings (isometric) according to the plans P & ID (Piping & Instrument Diagram).
- Asphalt Road construction and Traffic route map plans & workshop layout plan and camp & site emergency evacuation plans.
- TQ preparation and site modifications, verifies after basis of IFC drawings.
- Apply new technical procedures systems e.g., X-REF, Attributes, and any other new engineering technologies related to CADD, to avoid errors between different disciplines and reduce the time consumption for drawings.
- Prepare field Cold Pipes bending details drawings & Ability to prepare mechanical / civil / electrical / structural / piping details drawings.
- Primary responsibility is to update the AutoCAD shop drawings according to the red mark drawings and to realize the AutoCAD as-built drawings.
- Understand the uses of drawing levels, reference files, and CAD tools.
- AutoCAD drawings conversion to the Micro Station, PDF to CAD file,

## 2. A. HAK PIJPLEIDINGEN B.V. PO. BOX. 30622, KINDOM OF SAUDI ARABIA

(09-July-2016 to 12-02-2018)

**Client:** SAUDI ARAMCO.

**Project:** Khurais Seawater Pipelines.

**Client:** SALINE WATER CONVERSION CORPORATION (SWCC).

❖ **Project:** RAS AZ ZAWR - Riyadh Water Transmission System.

❖ **Project:** Construction of 64" Pipe Line from Ps3 to Riyadh Terminals.

❖ **Project:** Construction of 72" Pump Stations, LVS & Tie-In Stations.

**Position:** SENIOR PIPELINE DRAFTER

### ➤ **Responsibilities include:** -

- Pipe Construction Detail Drawings and Thrust Boring Drawing.
- Isometric & Details DWG. Special Rout map, Vent Stations & Drain Detail Drawings.
- Develop surveying engineering drawings and maps using appropriate survey and Clash detection and resolving.
- Prepare topographic maps including general topographic plans & profiles,
- Cross Sections for typical installation in SABKHAH Area, SAND Area & ROCK Area, Making of detail layout, Elevation, Section and Trench as per (SAUDI ARAMCO STANDARDS)
- Prepare and setup surveying and applications tasks as per company standards.
- Preparing of Facade Work like Railing, GFRC Panel, Courtyard, Glazing Shop Drawing.
- Prepares field sketches, dimensional machine/fabricated drawings and material substitutes
- Estimate man-hours and consumption time for drawings at early stage of projects.
- Attending to RFI's raised by Concerned at various stages for various Projects. Ensuring timely complete the job and assist Installing, Hydro testing, Commissioning of jobs.



الهيئة العامة للغذاء والدواء  
Saline Water Conversion Corporation



أرامكو السعودية  
Saudi Aramco

**3. SAUDI DESIGNERS ENGINEERING CONSULTANTS (SDEC) SAUDI ARABIA  
(AD DAMMAM) P.O. BOX 31472. (15-April-2015 to 31-March-2016)**

- ❖ **Project:** ALSTOM-POWER CO.
- ❖ **Project:** KAMCO (UMM WU'AL PHOSPHATE).
- ❖ **Project:** Al QAHTANI PCK PIPE COMPANY.

**Position: PIPING DRAFTSMAN/DESIGNER**



➤ **Responsibilities include: -**

- Master Utility Piping Plan and Miscellaneous Piping Plan & Detail. Etc.
- Layout Piping Plans for Fire Protection system and standard Details DWG.
- Plumbing and Isometric Drawing & Coordination Plan and Section.
- Prepared Special Pipe Supports with Details DWG.
- MEP design basis reports and various reports as necessary for project.
- Prepares the execution plan for MEP with the Lead Mechanical Engineer.
- Preparing Detailed MEP (HVAC, Plumbing, Fire Fighting and Piping) drawings receiving from Design Department.
- Developed CAD drafts based on project design requirements.
- Assisting Site Civil Engineers and Mechanical Engineers inside related activities coordinating with Engineering & Design Department to prepare Construction drawings and As-Built Drawings.
- Supervising the Construction team to meet the scheduled targets and Maintains files and computerized indexes for all documents and coordinating with Municipality for taking approval of the Designed Drawings for further.
- Preparing schematic diagram for piping & shop drawings & perform field inspection and provisions of technical support as necessary during conceptual or construction phases.
- Checks final drawings prepared by staff and others for completeness and quality before final submission.

**4. JERAISY COMPUTER & COMMUNICATION SERVICES, SAUDI ARABIA  
(10-July-2013 to 30-March-2015)**

**Client:** ROYAL COMMISSION OF JUBAIL & YANBU in Al-Jubail.

**Position: DRAFTSMAN**



➤ **Responsibilities include: -**

- Base Map Drawing of **ROYAL COMMISSION OF JUBAIL (RCJ)**
- **ROYAL COMMISSION OF JUBAIL (RCJ)** Ring & P2P Network Diagram with 3D view.
- Plans drawing layout, scales and drawing index for each project. Checks drawing quality and completeness base on Royal Commission CAD standards.
- Royal commission Design Hierarchical layout v.7 Diagram.
- **MPLS CLOUD RING NETWORK v3** layout diagram.
- **JTI Juniper Design Hierarchical v1** layout drawing.
- **JUC NETWORK v.1**, MAN sites & Server's drawings.
- **ROYAL COMMISSION OF JUBAIL (RCJ)** Data Center Drawings & Designing Like CISCO 6509-User Distribution Switch,
- **CISCO NEXUS-7010** Core Switch, **CISCO CRS-1** WAN Router, **ONS 15454 (M12 & M16)**
- Wireless Controller Diagram and Video Conferencing & **Bluecoat** server rack Drawings.
- Telecommunications indoor & outdoor sites & different Single Line Details drawings.
- Developed 3D SolidWorks model as per project requirements.

**5. TETRA TECH COMPANY P.O. BOX 42399 AL-RIYADH SAUDI ARABIA C.C.M-NO. 141750.**  
(01-June-2012 to 31-June-2013)

**Client:** Al-MARAI Company & Western Bakery Al-Kharj (KSA).

**Client:** Mars Saudi Arabia limited Co. Riyadh (KSA).

**Client:** Al-SAFI DANONE Company limited Co. Al-Kharj (KSA).

**Client:** CAD middle east pharmaceutical industries LLC. RIYADH (KSA).

**Client:** Al Anwar factory Co. 1st industrial area, P.O. Box. 42153, Riyadh.

❖ **Project:** Blow Molding Department-3 & Center Processing Plant-2.

❖ **Project:** Chocolate Plant Project.

❖ **Project:** Packing Machine Project.

**Position:** DRAFTSMAN

➤ **Responsibilities include: -**

- Al SAFAT Dairy Plant Drawing and P&ID's Utility Area & Master Layout Plan.
- Layout Piping Plans drawing and design drawing for CIP System Unit in 2D & 3D view.
- P& ID's Sterile Filter System design drawing & PHE & Cooling Tower Circulation Pump DWG. In 2D & 3D view.
- Prepared Special Pipe Supports in 2D & 3D view.
- Different types of tank design like, Fixed-roof tanks, External floating roof tanks, Internal floating roof tanks, Domed external floating roof tanks, Horizontal tanks, Pressure tanks, Variable vapor space tanks, LNG (Liquefied Natural Gas) tanks, Potable Water Tanks Fire Protection Tanks, Storage Tanks, Wastewater Storage Tanks, Storm water Detention Tanks, Mobile Solvent Tank and Solidification Tank Detail DWG. In 2D & 3D view.
- Poles, Fuse Boxes, Electrical Panel Minerals galvanization and Internal & External Lighting Units Division Drawings with 3D.
- Stainless Steel Tanks Fabrication & Process Equipment Manufacturing Division Drawings with 3D views.
- Control overtime within budget limits & establish a digital filing system.
- Discrepancies arising on Site are solved in co-ordination with senior.
- Monitor drafting and assess the production of Mechanical, Civil, Electrical, Structural drawings.
- Prepare CAD Layouts, preliminary, tender and construction drawings, and engineering details as directed by engineers.
- Maintain the computer network system in the section in full relation. Coordination with the department and other duties as assigned.
- Prepare drawings/CADD progress charts and reports when required.
- Assistance to Engineers in preparation of design calculations, measurement of quantities and completion of design drawings.
- Provide such further assistance to the design team as may be required from time to time.
- Ensure Correct Purging, cleaning of pipes is done as specified in specification.
- Knowledge in International Codes & Standards standard to determine the hazardous limits within the facilities plot plan.
- Ability to prepare materials take-off and vendor data specifications applicable at hazardous area and non-hazardous area.
- Organize meeting with the site team to collect the red marks and clarify the red mark on site when necessary.



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## SUMMARY OF EXPERIENCE IN INDIA

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6. **Uma Shankar Khandelwal & Company as a Draught's Man in (Forging Line)**  
Okhla Industrial Area Ph.-ii, New Delhi. (01-09-2006 to 09-12-2007)
7. **Sajjanson Engineers as a Draught's Man in (ROLLING MILL).** FEI Parpar Ganj Industrial Area. (01-02-2008 to 02-03-2009)
8. **SENBO ENGINEERING LIMITED. As A Draught's Man in (PIPE LINE).** Bela Road, Yamuna Ghat 11, Near Chandi Ram Akharah, New Delhi 110054. (18-05-2009 To 05-06-2011)

➤ **Responsibilities include: -**

- Good reading of isometric (piping drawings), ground plane and P & ID (Process & Instrument Diagram).
- Development and monitoring database of piping.
- Calculate the progress made in piping Tanks & Vessel Fabrication Drawings & Preparation of BOQ's and as Built Drawings & Supervise Fabrication Jobs.
- Monitoring of production daily, weekly and monthly.
- P&ID's, piping Plan, Isometrics DWG. Checking as per Vendor Data and Special Pipe Support Drawings.
- Preparation of Material Take-Off, Supervision & Coordination of Piping Fabrication, erection and manage the various workers on site.
- Supervising the project and ensure completion of the work on time and in compliance with company's Safety standards.
- Line checking of pipes to ensure Pipes, Fittings, Accessories, and Supports are as per drawing and Specs.
- Assists in preparation of design quantities, estimates, grades, elevations, maps, drawings, profiles, cross: sections, details and other design elements as needed.
- Utilized drafting, design and other applicable software for development of drawings, details, notes, quantities and cost estimates.
- Undertaking allocated CAD production and other technical work tasks to agreed deadlines, and in accordance with the project plan.
- Participated in preparation of plot plans and survey drawings.
- Mentored and provided training to junior draftsmen.
- Extraction of Piping Isometric Drawings from 3D pipe model.
- Provide designer's expertise while selecting the locations of pipe supports in the drawings / 3D model and participate in Layout & 3D Model workshops.
- Prepares "As-built" mark-ups and produces Master Drawings
- Apply knowledge of CAD techniques as required in addition to the ability to produce detailed design drawings without guidance.
- Actively participate in site surveys of facilities to establish and identify actual layout requirements and physical changes at site.
- Prepare cutting plan for plate/Pipes/Structures for estimation.
- Prepare BOQ for job as well as for project.
- Prepare technical queries for client approval for any technical changes.
- Prepare MTO for procurement department.
- To communicate with colleague and guide them wherever required and plan
- to complete the project under estimated schedule.



- To visit shop and site during fabrication and erection to guide the supervisor and concern person for smooth running of project.
- To prepare as built drawing as per fabricated job or Ericson at site.
- To prepare transmittals for documents.
- Generate external transmittal for issuing the approval of drawing to client and communicate with client for any clarification and chase the client for approval.
- Generate internal transmittal for issuing the fabrication drawing after client approval.
- Maintain utilization by assisting with non-drafting project activities such as component assembly and hands-on work in the shop as shop as appropriate.
- Work as part of a collaborative team to balance workloads and ensure quality deliverables are produced on time.
- Prepare design drawings, details, and sketches from sketches, concepts or mark-ups provided and draw and plot drawings to scale, as required.
- Work under the direction of the Proposal / Process Design Engineer to design complex drawings, such as P&ID, construction documents, routine design layouts, detailed drawings, equipment skid and piping.
- Prepare complex drawings (e.g., PFDs, P&IDs, scaled equipment layouts, and equipment details) and able to extract valve list / Piping schedule etc.,
- Prepare and work with bills of material (BOMs) and other construction documents.
- Develop equipment/material schedules and material takeoffs, from drawings or sketches.
- Support preparation of requests for bids for subcontractors and material vendors, as directed.
- Create and markup existing PDF documents using Adobe. Or other tools
- Maintain technical knowledge by attending educational workshops, and reviewing relevant technical publications.
- To review mechanical data sheet and client specification and incorporate the data for generation of detail drawings, and discussion with design engineer for any queries.

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#### **COMPUTER SOFTWARE SKILLS.**

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- AUTOCAD 2D & 3D Release versions 2020
- MicroStation V8i (SELECT series 3)
- Proficiency in MS-Word, Excel and Power point
- C Programming, Window's 98, 2000, XP, & Window 7, 8 and 10 Computer Software's All, English Typing.
- Adobe Photoshop 7.0
- Sketch up & Basic Revit.
- Adobe acrobat.

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#### **PASSPORT DETAILS**

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- Passport No. : U0404076
- Date of Issue. : 08/01/2016
- Date of Exp. : 07/01/2026
- Passport of Issue : Patna (INDIA)

**Date: -**

**Place: -**

**(IMRAAN ALI)**