affan

Affan.365436@2freemail.com

PROFESSIONAL SKILLS

* Highly proficient computer skills in Engineering software including:
	+ FRAMECAD (Pro Design & Detailer)
	+ Tekla Structure
	+ Cranimax
	+ Pro-Engineering
	+ Compress (Pressure Vessels & Heat Exchanger Design)
	+ AutoCAD 2D & 3D
	+ Working experience with top EPC Companies in Gulf & Pakistan. Specialization including:
* Heavy lift / Rigging
* Heavy Steel Structure
* Light Gauge Structures (LGS)
* Process Equipment (Pressure Vessels, Heat Exchangers, Storage Tanks)
* Experience of load assessment for cranes
* Experience of Project Management and preparing Project Status and Risk Assessment Reports
* Preparing Cost Estimates and Bill of Quantity
* Coordination with Project Teams and Clients

Education

* **‘Bachelor of Technology’** (B-Tech) Program with specialization in Mechanical Technology, from Indus University, Karachi, Pakistan (2009).
* **‘Diploma of Associate Engineering’** in Auto & Diesel Technology from Government College of Technology, S.I.T.E, Karachi, Pakistan (2007).

WORK EXPERIENCE

***Senior Draftsman (Rigging/Heavylift – Mechanical)*** Apr 2015 – To date

ADMA-OPCO Certified Appointed Person

Heavy Lift Division

Consolidated Contractors Company (CCC), Abu Dhabi

Major Responsibilities include:

* Guide, assist and coordinate with the clients and project teams on with regard to lifting and rigging solutions
* Generate errorless drawings for the project and tenders and making 3D drawings for critical lifts
* Checking different cranes for the max & min loads to get the best solutions
* Assist in assembly & dismantling of Cranes with Rigging Sketches
* Assist in the Load Testing of Cranes prior to lift
* Generation of Rigging Studies & Sketches using suitable and easily available tackle
* Creating Method Statements for complete Rigging activities
* Study & creation of reports for Risk Assessment

Worked on ***Heavy Equipment, Steel & Concrete Structures using Hydraulic, Crawler & Tower Cranes*** on the following major clients / projects:

* *KNPC (Clean Fuel Project) – Kuwait*
* *Jazan Refinery – Saudi Arabia*
* *Abu Dhabi Airport, Midfield Terminal – UAE*

***Structural Draftsman*** Sept 2012 – Apr 2015

Al JaberGroup (Prefab Division), Abu Dhabi

Major Responsibilities included:

* Preparing 3D models, fabrication drawings and Bill of Quantity for Steel Structures using latest version of **Tekla**and **Auto CAD** for smaller structures
* Preparing Design, Detailing & Fabrication drawings of Light Gauge Structures (LGS)using latest version of **FrameCAD**
* Prepare Bill of Quantity (BOQ)& Material Take Off (MTO) manually for ongoing projects &cost estimation against tenders.
* Coordination with other departments, clients& third party contractors
* Quality inspection of Steel Structures (If needed)
* Preparing daily project status report
* Supervision of draftsmen

Worked on ***Steel Structure for Ground Plus Villa, Cafeteria and Residential Caravans (Steel & Light Gauge Structures)*** for the following clients / projects:

* Residential Villa – Shalila Island – UAE
* Centralized Drilling Camp - Abu Dhabi Gas Development Company – UAE
* ZAKUM Development Company (ZADCO)– UAE
* Al Jaber Leasing Services L.L.C– UAE
* Military Housing Camps – UAE

***Assistant Design Engineer*** Jan 2011 – Aug 2012

***Structural & Mechanical Draughtsman***Oct 2008 – Dec 2010

Descon Engineering Limited, Karachi.

Major Responsibilities included:

* Supervising the Design Department
* Designing of process equipment using codes ASME, ASTM & API
* Preparing 3D models, fabrication drawings and Bill of Quantity for Steel Structures using latest version of **Tekla**and **Auto CAD** for general arrangement and detailed drawings of static equipment
* Coordination with clients and project staff
* Preparing daily project status report

Worked on ***Heavy Steel Structures (Ladders & Platforms, Knockout drum, Storage Tanks & Ducting, Bucket Elevators) including structure of 1500 tons;Inter refineries pipelines;Equipment (Silos, Pressure Vessel, Exchangers, Rectangular Tanks, Ammonia Vessels)*** for the following clients / projects:

* Yanbu Oil Refinery project – Saudi Arabia -Kuwait Cement Company – Kuwait
* Abu Dhabi Gas Development Company Limited - UAE - BP Exploration & Production Inc. – Pak
* Abu Dhabi Oil Refinery Limited (Takreer)– UAE - PPTA LOTTE PAKISTAN – Pakistan
* Astro Packs (Pvt.) Limited– Pakistan - Fatima Fertilizer Company Limited Pak
* Lucky Cement Limited– Pakistan - BHP Billiton Petroleum - Pakistan
* Engro Chemicals Pakistan Limited - Engro Fertilizer Pakistan Limited

***Mechanical Draughtsman*** Apr 2008 – Oct 2008

ABS Engineering Corporation (Pvt.) Ltd, Karachi

Major Responsibilities included:

* Preparing detailed drawings of Static Equipment, Steel Structures, Fabrication / Shop Drawings in AutoCAD
* Preparing Bill of Quantity & Material Takeoff for Steel Structures & Static equipment.
* Coordination with clients and project teams
* Preparing daily Project Status Report

Worked on **Fabrication & Erection of Dry Ducting System & Steel StructuresProject** which was a project of Al-Tuwairqi Steel Mills Limited- Pakistan

***AutoCAD Draughtsman (Electrical & Mechanical)*** Jul 2006 to Mar 2008

Zelon Engineering Company (ZEC), Karachi

Major Responsibilities included:

* Preparing shop drawings of

 - Distribution Boards - Low Tension Panels - Power Factor Improvement Plant

 - Change-over Panels - Auto Transfer Switch / Auto Manual Failure Panels etc.

along-with their complete Circuit, Wiring diagrams and Assembly layouts of panels.

* + - Cable Trays & Electrical Poles
		- Component Mounting Channels
		- Dies, Punches& other mechanical parts
		- Working out cost estimates and preparing quotations for submission against tenders.
* Handle all email correspondence of the company.
* Perform web based literature search related to company business.