SHANAVAS

**Position Highlight : Sr. Piping Designer /Draftsman– Auto CAD** (17 Years’ Experience)

Work Field/Area : **Oil & Gas / Refinery**

Language Proficiency : Good in English & Regional Indian Languages

E-mail : shanavas.346633@2freemail.com

Date of Birth : 20th May 1978

Nationality : Indian

Religion : Muslim

Sex : Male

Marital Status : Married

**Career Précis:**-

* Co-ordination with 3D laser scanning team for the battery limit / extend of scanning and input of 3D non-intelligent model to PDMS to model of new facilities as per project scope.
* Responsible for Preparation of Piping Layout, Isometric & MTO Checking, Pipe Support marking on Gad Drawings, Support Design etc.
* Methodical and diligent person with good communication & interpersonal skills responsible for excellent Client Interaction and dispatching project deliverables.
* Perform layout clash/interface checks, identify conflicts, and take corrective action in coordination with other engineering discipline inputs.
* Designing and Preparation of Plot plans, Equipment layouts, Piping GA and supporting details (location, type etc.) for FEED and detail engineering as per clients drafting procedures and standards.
* Perform calculations and layouts including 2D and 3D models with adequate dimensions necessary to assist the Engineering disciplines and Fabrication/Construction personnel.
* Associated Pipe Supports and sleepers, Equipment Foundation, Valve chambers, drain Pits, Road crossing details and Bund wall layout etc.
* Preparation of Line Designation Table, Piping Bulk MTO (Line wise and consolidated), Piping Tie-in schedule, Valve schedule, Pipe Support Schedule, Site Visit Report – Piping, Typical Pipe Support Details (Primary)
* Preparation of Equipment data sheet and nozzle orientation drawings.
* Review Vendor documents and drawings to interface with piping.
* Attend technical discussion meeting with task force members and vendors.
* Making co-ordination and interference study of new piping and equipment design with other disciplines.
* Visiting site for data collections and survey of existing piping system for new proposal and modification,
* Preparation of tie-in schedule and tie-in package.
* Provide clarification of site queries, guidance and technical support to construction and commissioning personnel.  Perform design changes and alterations based on Design Change Notices (DCN’s) when required.
* Prepare inputs to civil discipline for design access platforms, road crossing, structural support design, underground services and new pipe support structure.
* Coordinate with other engineering disciplines on solutions to technical irregularities.
* Checking quality and yellow checkup of Piping GA, Isometrics and BOM prepared by other designer / draughtsman.
* Making co-ordination and interference study of new piping and equipment with other disciplines.
* I am familiar in ASME sections & standards, ASTM codes etc.

**Employment Chronicle - Total 17 Years (Overseas Experience from 2001 to 2016)**

* Tebodin Middle East Ltd. (Consultant & Engineers) Abu Dhabi. U.A.E **(**[**www.tebodin.com**](http://www.tebodin.com)**)**
* Abu Dhabi Gas Development Company - Al Hosn Gas through Tebodin Middle East Ltd.
* Heavy Engineering Industries & Shipbuilding Company (K.S.C) - HEISCO, KUWAIT
* A.C. Mittadar Engineering Industries, INDIA.

**Awareness of safety**

* Attended H2S awareness Training Levl-1 & 2 conducted by Abu Dhabi Gas development Company (Al Hosn Gas)
* Attended H2S/BA conducted by Qatar Petroleum
* Attended ‘HSE Induction courses’ conducted by ADMA-OPCO, ZADCO & GASCO
* Attended ‘Sea survival & Helicopter under Water Emergency Training (HUET)’ conducted by Emirates Technical &

Safety Development Center, Abu Dhabi, UAE

* Attended an approved course of ‘OFFICE SAFETY’ conducted by SMTC Global.

**Visited Sites & Plant**

* Shah Gas Field (Al-Hosn Gas Abu Dhabi-UAE)
* ADMA-OPCO (Abu Dhabi Marine & Operating Company) – Das Island
* Umm Shaif Super Complex (USSC) - Offshore Platform – Das Island
* Central Processing Platform (CPP) at Umm Al Dalkh facilities - ZADCO
* Abu Dhabi Gas Industries Ltd. (Gasco) - Habshan
* Abu Dhabi Polymers Company Ltd. (Borouge) – Ruwaise
* Qatar petroleum - Transmission and distribution stations in Doha, mesaieed & Wakrah
* Kuwait National Petroleum Company (KNPC) – Mina Al Ahmadi, Mina Al Abdulla & Mina Al Shuaiba Refineries
* Kuwait Oil Company (KOC) - Oil Field at south, east & west Kuwait
* Joint Operations, Wafra - Kuwait

**Educational Attainment**

* Higher Secondary (Pre-Degree), University of Kerala, India
* Mechanical Draughtsman ship from Industrial Training Institute, Govt. of India) in the year 1993.
* Competent Multi Level Training in CAD software & PC Operating System

**Computer / Software skills**

* Completed a course of training with AVEVA on **PDMS** Piping and Equipment Design.
* AutoCAD all Versions, CAD Worx - Plant Piping & Raster CAD.
* Well versed with all Modern Printing, Plotting and Scanning devices.

**Detailed Career Profile**

(I) **TEBODIN MIDDLE EAST LTD. (CONSULTANT & ENGINEERS) ABU DHABI, UAE**

 Position: - Lead Discipline Designer (Piping)

 Period: - Since August 2006 to Sep.2016

**Projects Entrusted**

* AL-HOSN GAS

Installation of 30” cross-over line between sweet gas lines from Unit-0721 & 0722.

Installation of 12” Alternative LP steam line to sulphur storage and shipping unit.

Modification of Reactor Bypass line in condensate hydro treating unit-0726 & 0727

* ADNOC DSITRIBUTION

Construction works in western region (Madinat Zayed depot)

* ADMA-OPCO (Abu Dhabi Marine and Operating Company)

Feed for Adma Flares Modification/Revamp Project at DAS Island.

Feed for vent system modification for USSC & Wellhead towers.

* GASCO HABSHAN (Abu Dhabi Gas Industries Ltd.)

Installation of Emergency Shutdown valves in Gas plant.

Feed for the provision of Nitrogen from NGI line to habshan.

Feed/Detail design engineering study for replacement of Fresh water pumps & Motors

* ZADCO (ZAKUM DEVELOPMENT COMPANY)

(Umm al Dalkh facilities feed for HC gas recovery compressor project: P-7451)

* QP (Qatar Petroleum)

Ras Laffan Emergency and Safety College at Ras Laffan Industrial City – Qatar.

EPIC for Mitigation of burn pits and demolition of redundant pipelines and telecom repeater station.

Feed for additional Firewater Tank and replacement of Fresh water at Mesaieed.

 (2) **HEISCO (Heavy Engineering Industries & shipbuilding Company) STATE OF KUWAIT**

 Position: - Design Draftsman (Mechanical & Piping)

 Period: - Since December 2001 to July 2006.

**Projects Entrusted**

* KOC (Kuwait Oil Company)

Modification in Tank vapor system, crude tank filling pipe work & reconstructions of tanks at south & east Kuwait GC’s.

(The Project duration was one year and done by CAD Worx.)

* KOC (Kuwait Oil Company) & Technicas Reunidas s.a. Madrid – Spain

GC-28, Capacity expansion for compression and medium crude processing.

* KOC (Kuwait Oil Company) & SNC LAVALIN – U.K

New desalter and light crude train modifications and capacity expansion for effluent water separation & transfer and Minagish water injection plant upgrade.

* Kuwait Oil Company & Saudi Arabian Texaco Inc. – JOINT OPERATIONS, Wafra

Water Disposal Phase (III) Drain Recycling Facility.

* Kuwait National Petroleum Company (KNPC) & Willacy Oil Services Co. U.K.

De-sludging Process unit for KNPC - Mina-Al-Abdulla Refinery

Inspection and related services for KNPC – Mina-Al-Ahmadi Refinery ‘Inspection & Corrosion Division’

* KOC - Kuwait Oil Company (KSC), Al-Tameer Building, Maintenance project Division-1

Flowlines Project (Oil field at south, east & west Kuwait)

 (3) **A.C. MITTADAR ENGINEERING INDUSTIRES, INDIA.**

 Position: - Draftsman (Mechanical)

 Period: - September 1997 to April 2000.

**Objective:-**

I intent to work in a challenging environment where my skills, experience and education shall be utilized to the achievement of company. I am hard working, a swift learner, good team player, reliable accommodative to any industrial work environment.