**MOEEN TAJ MOHAMMED DABIR**

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CAREER OBJECTIVE: To obtain the best possible synergy in the professional life with the help of knowledge of **Mechanical, Electrical & Piping Process Design.**

To seek challenging opportunities and explore my capabilities using knowledge and experience.

# PROFESSIONAL EXPERIENCES: TOTAL : (5 YEARS)

* Presently Working for **THERMO FISHER SCIENTIFIC INDIA PVT. LTD**. , Navi Mumbai,

(**02th Jun 2014 To Till Now**)

**Designation :** AUTO CAD DRAUGHTSMAN, 2D & 3D

**Roll & Responsibilities :**

* Preparation of Ambient Air Quality Monitoring System (AAQMS) Analyzers Design.
* Preparation of Continuous Emission Monitoring analyzers (CEMS) Analyzers Design.
* Air Quality Measuring instruments SO2, NOx, CO, CO2 Analyzers using chemical plants, Refinery, Oil & Gas facilities, Petrochemicals Plants etc.
* Design & drafting of Mechanical/Electrical Components.
* Preparation of instrument Hook up Diagrams.
* Preparation of machines assembly & detailed production drawings.
* Preparation stainless steel(SS)/mild steel(MS) structure fabrication details drawings.
* Check shop drawings with engineers (before submission).
* Solving the technical and dimensional issues related to the drawing by communication with fabrication team.
* Electrical and instrument cable routing & tray routing diagrams.
* Preparation of GA drawings for Industrial Instruments MCC Panel, Control panel, Junction box. Wiring Diagrams.
* Preparation of Single line diagrams.
* Preparation of Isometric drawings.
* Piping Design/Drafting / Process and Piping Designing for chemical Process plants, Refinery, Oil & Gas facilities, Petrochemicals Plants Etc.
* Complete design of piping general arrangement layouts, Piping isometrics, Supports Details, Materials take off, Equipments location plans, plot plans, orientation drawings.
* Piping & instrumentation diagrams (P&ID).
* Preparation Gas/Liquid density Meter skid diagrams.
* MS/SS Fabrication skid Diagrams.
* Prepare the As-Built drawings by physically checking the installation at site for handling over the client.
* **CRYSTAL AUTOMATION PVT.LTD.** , Thane, (12thSeptember 2012– 17th May 2014)

**Designation :** MECHANICAL DRAUGHTSMAN (AUTO CAD, SOLID WORKS)

**Preparation of Drawings :**

* Preparation of Pharmaceutical Equipment Layout With Fabrication Drawings. (AUTO CAD)
* Preparation of Piping Layout drawings.(Auto Cad)
* Preparation Development & Sheet Metal Drawing of Manufacturing Component.
* Preparation machines Assembly & Detailed Production Drawing In Auto cad.
* Fabrication Details Cone Development Drawings. (AUTO CAD)
* Preparation Of Bill Of Materials & Weight Calculation.
* Fabrication Details Drawings of Pharmaceutical, chemical, & foods Machine Equipment.
* General Assembly Of Sugar Transfer System & Powder Transfer System & Packing System.
* General Assembly Of Electrical Control & MCC PANEL Diagrams.
* Creation Single Line Diagrams Power & Control Circuit Diagram.
* Preparation of As Built drawings after completion of the project.
* Preparation of P&I Diagrams.
* Preparation of Isometric Drawings.
* **CROMPTON GREAVES LIMITED**., Mumbai, (05th September 2011– 04thSeptember 2012)

**Designation :** MECHANICAL DRAUGHTSMAN (DESIGN TRAINEE**) (AUTO CAD, UNIGRAPHICS NX-7)**

* Preparation of Transformer General Arrangement Layout.
* Details and Bill of materials, Fabrication Drawings of Transformer, Structural Drawings,
* Preparation Electrical Single Line Diagrams.
* Fabrication drawings of Transformer Tank, Underbase, cover & Frames.
* Part Modeling, Assembly Modeling, Drafting & Detailing. (SOLID WORKS)
* Details & assembly drawings Tank parts & Support Boards in connection drawing.
* To prepared Tank & Other Fabrication Drawings, Sheet metal component & Development

Drawings of Turrets, B’Relay & Breather pipe connection. (AUTO CAD).

# COMPUTER PROFICIENCY:

* Microsoft Office
* Internet
* Auto CAD 2D & 3D
* Unigraphic (NX-7), (Part Modeling, Assembly Modeling, Drafting & Detailing)
* Solid Works (Part Modeling, Assembly Modeling, Drafting & Detailing)

# EDUCATIONAL QUALIFICATION:

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| --- | --- | --- | --- |
| **COURSE** | **UNIVERSITY/INSTITUTE** | **DURATION** | **CLASS** |
| NCVT | MAHARASHTRA BOARD | 2011-2012 | 69.70% |
| SOLID WORKS | I.T.C.E | 2012 | ‘A’ GRADE |
| DIPLOMA IN AUTO CAD | CADD CENTRE, MUMBAI | 2011 | ‘A’ GRADE |
| MECHANICAL DRAUGHTSMAN | MAHARASHTRA BOARD | 2009-2011 | 1ST CLASS 77.33% |
| S.S.C. | MAHARASHTRA BOARD | 2009 | 1ST CLASS |

# HOBBIES:

* Sketching
* Playing Cricket
* Painting

# SKILLS & STRENGTHS:

* Open To New Challenges, Respect to Elder Multitasking, Work In Team.

# PERSONAL DETAILS:

* Father name : Taj Mohammed Hussain Dabir
* Date Of Birth : 28/05/1993
* Gender : Male
* Nationality : Indian
* Marital Status : Single
* Languages Known : English ,Marathi and Hindi**.**

I here by declare that the information given above is true to the best of my knowledge and belief.

DATE : (MOEEN DABIR)