**SYED**

**Email ID:** **khizer.381169@2freemail.com**

**Professional Summary:**

**Motivated and result oriented engineer with experience in HVAC Designing & knowledge over MEP designing by consistently using educational experience and creativity to solve complex problems pertaining to a wide variety of HVAC designing. Well-practiced in design of GCC based projects, mainly commercial, industrial & housing projects. Working knowledge in HVAC design and integration.**

**Held a key responsibility of Maintenance Engineer in ETA Star Facility Management PVT LTD, an organization known for engineering, planning and execution of large scale projects.**

**Core Qualifications**

**B.E (Bachelors of Engineering) as MECHANICAL ENGINEER from Dr. MGR UNIVERSITY (2010-2014), Chennai, INDIA.**

**Strong working and analytical knowledge of AutoCAD Working knowledge of HAP and REVIT.**

**CERTIFIED AUTOMATION ENGINEER(CAE)**

**CERTIFIED INDUSTRIAL ROBOTICS ENGINEER(CIRE)**

**ASME (American Society for Mechanical Engineers)- Working Knowledge**

**ASHRAE (American Society for Heating Refrigeration & Air Conditioning Engineers)-Working Knowledge**

**Basic knowledge in the area of energy efficiency of equipment and installation in central plant cooling systems.**

1. **Organization: ETA Star Facility Management PVT LTD, Chennai India.**

**Period** **: February 2017 to January 2018**

**Position** **: Maintenance Engineer – HVAC**

**Project Summary:**

**Assigned as HVAC Maintenance Engineer with ETA Star Facility Management PVT LTD which maintain the development of the ETA Techno Park.**

**Duties & Responsibilities:**

**Ensure smooth commissioning of erected HVAC projects.**

**Perform all preventive maintenance, breakdowns, and troubleshoot works.**

**Perform routine maintenance inspections of equipment to identify and respond to problems in a timely manner.**

**Checking quality of work frequently done by sub-contractor.**

**Knowledge of operating the screw chillers and centrifugal chillers.**

**Responsible for equipment maintenance and replacement of worn out parts.**

**Ensure safe work environments, control the use of materials and avoid damages and waste, request material tools and equipment needed for the projects.**

**Maintaining daily work progress report.**

**Maintaining records and archives to company standards.**

1. **Organization: MEINHARDT ARABIA, Riyadh KSA.**

**Period** **: January 2015 to January 2017**

**Position** **: Junior Mechanical Engineer – HVAC Design**

**Project Summary:**

**Assigned as Junior Mechanical Design Engineer- HVAC and worked on King Abdullah Project-5 (KAP-5) which encompasses the development of the Ministry of Interior’s Security headquarters for MOI.**

**Duties & Responsibilities:**

**Provide engineering HVAC Design services in Security Compounds, Border guard stations, Immigration departments centers.**

**Design ductwork and HVAC piping system.**

**Generate HVAC plans on AutoCAD to meet client’s requirements.**

**Provide HVAC design services in accordance with ASHRAE standards applicable building codes.**

**Experienced in heat load calculations using HAP software.**

**Managed load calculations, equipment selection and implementation of different systems for different projects.**

**Knows positioning of FCU, AHU, FAHU, SAD, RAD etc.**

**Conducted load calculations for AHU, pump, fan, pipe and other equipment sizing and selection.**

**Write sequence of operation for VAV and other types of HVAC unit control.**

**Responsible for preparation and getting approval for all field reports from the team of engineers in client side.**

**Learned the new REVIT software being implemented in the firm.**

**(3) Organization: MARAICA INDUSTRIES PVT Ltd; India**

**Period** **: July 2014 to DECEMBER 2014**

**Position** **: Mechanical Engineer- Quality Control**

**Duties & Responsibilities:**

**Monitoring and support of certification and customer audits.**

**Handling of complaints (internal and external) an implement corrective actions.**

**Support several quality-related issues.**

**Detection of quality and process improvements as well as their implementation.**

**Responsibility and competence.**

**Programming and measure on a contour tracer measuring machine and profile projector.**

**Manual gauging with Linear Height, Micrometer. Surface Measurement.**

**STRENGTH & SKILLS**

**Good communication skills. Creative and smart working. Willingness to learn.**

**Patience and Friendly. Time Management.**

**Enthusiastic.**

**Ability to work efficiently in a group as well as an individual.**

|  |  |
| --- | --- |
| **PERSONAL DETAILS** |  |
|  |  |  |
| **Date of Birth** | **:** | **16/07/1993** |
| **Sex** | **:** | **Male** |
| **Nationality** | **:** | **Indian** |
| **Address** | **:** | **Chennai, INDIA.** |
| **Languages Known** | **:** | **English, Urdu, Hindi and Tamil.** |
|  |  |  |
|  |  |  |