

Muhammad Raza Abbas



Contact: (+92) 345 295 0079

E-mail: m.razaabbas91@gmail.com

Address: Flat 104, MI Tower, Soldier Bazar, Karachi.

Experience:

Electrical Design Engineer Jan'20-Feb'2023

Platform Design House @ Naval Research & Development Institute (Pakistan Navy)

- Responsible for designing the Electrical System Power Panel, Distribution Panel, Lighting System
- Electrical load balancing and Calculation of Electrical system / Power Panel/ Distribution Panel
- Calculation / Selection of Breaker and Cable for Panel and Distribution Board
- Lighting load calculation and Arrangement
- Perform load Analysis test and short circuit test using ETAP Software
- Designing the route for Cable and Cable tray
- Using 3d design model software (CADMATIC), Create Electrical Equipment, Arranging, and placement of system as per the General design
- Supervise team and provide technical Support to the designing team
- Making proposal for Signal line diagram of Electrical System
- General Arrangement of Electrical Equipment in 2d design software
- Maintenance of Ship Electrical System

Technical Executive April'18 Dec'19

MATTS Technologies Company

- Responsible for Designing and deployment of SMD video walls, BMS products, solar units, ATS, Power panel.
- Identifying the bugs in the products and rectifying them.
- Coordinating with the vendors to provide them with the technical specification of the product for customizations.
- Preparation of technical documents, installation guide for technicians and instruction manuals for end users.
- Providing technical support to the deployment team in executing the project online and onsite.
- To deal with vendors to procure electronics like SMD Panels, Driver cards, Sensors, PS units, etc.
- Designing of electronic circuits and microcontroller programming.

Electrical Engineer March'16 – Feb'18

Al Hassan Engineering Company Abu Dhabi LLC

- Responsible for carrying out production of mechanical parts for pipe racks & substation, cable tray.
- Arranging site inspections and produced for future process of galvanization and painting.
- Preparing & implementing preventive & predictive maintenance plans. Responsible for maintenance of PLC based HVAC and ATS system
- Fault identification and troubleshooting of Electrical & Transmission equipment.
- Study the contract documents of ADMA Hyundai in reference to applicable standards/specifications prior to execution of project.
- Arranging site inspections for the client to ensure the results as per their requirements,
- Reviewing & verifying the construction drawings, specifications, P&ID, IFC and other attachments prior to deployment.

Education

Bachelors in Electronic Engineering

IQRA University 2011-2015

Skills

Team Player
Adaptability
Procurement
Project Planning
Programming

Software's and Programming

Cadmatic 3d model
AutoCAD
SolidWorks
ETAP
Proteus
MS office
MS Excel

Driving License

Pakistan
United Arab Emirates

Languages

English
Urdu