



Hafiz Syed Amin Ul Haque (BE Electrical)

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QUALIFICATION

BE in Electrical from NED University
HSC from Dehli Science College
SSC from MIDASIA FOUNDATION

CERTIFICATE

Completed PLC training course and
able to create logics and implement it
Fundamentals Of Solar Photo-voltaic
Design IEEE (PES)
Electrical Power Distribution Design
Using Simaris IEEE (PES)

TECHNICAL KNOWLEDGE

Industrial Automation
ETAP
AutoCAD
Power System Protection
Proteus
Multisim
PCB designing capability
AutoCAD 2D, 3D skills
IoT related projects
MS office

SOFT SKILLS

Communication skills
Team player
Punctuality of time
Concentration to work

HOBBIES AND MEDALS

Won six medals in inter department
university games also like to visit
different places and tour of the
country

WORK EXPERIENCE

AT BALOCHISTAN GLASS LIMITED (DEC-2017 - TILL PRESENT)

Working as project engineer of electrical in existing plant and extension of furnace area and newly design reversal system where my responsibility is to look after any electrical problem related to designing and commissioning.

- Hands on experience of Omron PLC, designing logics and programs
- Took training from Chinese delegate about IS machine(Sanjin 2015) and its panel installation and commissioning
- Proficiency of understanding electrical diagram, designing panels and customize automation system
- Efficient handling of inverter, VFD, temperature controller, actuators, solenoid valve and different sensors like capacitive, inductive, ultrasonic, infrared etc.
- Maintenance and troubleshooting experience of different machines, conveyor system, control panels and high pressure and lower pressure compressor
- Selection and installation of thermocouples with proper controllers on 120 ton furnace also hands on experience LT switch breaker
- Overview and selection of different equipment as per requirement and for spares in case of emergency
- Testing and checking of HT with baffle burner for annealing lehr
- Inspection and commissioning of different devices like relays, controllers, and NPN and PNP sensor

INTERNSHIP AT SMOOTH POWER TECH (2015)

❖ RESPONSIBILITIES

- Operation and maintenance of two gas engine Jenbacher each of 1MW
- One Cummins Diesel engine of 800KW

ACHIEVEMENT

DC-DC BOOST CONVERTOR (RENEWABLE ENERGY)

Made our final year project as a dream project, not only completed efficient hardware but also published the paper in IEP 3rd International Electrical Engineering Conference.

- Experience of designing high frequency transformer
- Self-made highly efficient inductor design
- Switches selection for highly efficient convertor

PROJECTS AND FREELANCING WORK

Successfully completed many projects in university and also as freelancing work

- Designed completely automated motor control system
- Bluetooth and Wi-Fi base smart phone home control system
- CCTV working experience on different homes, hotels and offices
- Solar system design and installation for homes and offices
- Generator automatic starter and change over system

