Muhammad Awais Mahboob

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Address: Chak No. 469 G.B Tehsil Samundri, District Faisalabad.

CAREER OBJECTIVE

To utilize my technical skills for developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects and to gain employment with a company or institution that offers me a consistently positive atmosphere to learn new technologies and implement them for the betterment of the business.

PERSONAL INFORMATION

Father's Name:	Mahboob Alam
CNIC number:	33105-8528308-5
Date of Birth:	2nd May ,1994
Domicile:	Faisalabad (Punjab).
Marital Status:	Single

LANGUAGES PROFICIENCY

- English Read, Write and Speak
- Urdu Read, Write and Speak
- Punjabi Read, Write and Speak

WORK EXPERIENCE

Internee

i. **Five Star Textile Industries (Pvt) Ltd. Faisalabad, Pakistan.**

1st Jul 2016 - 25th Aug 2016

❖ **Key Responsible**

- Strong background in motor defects, soft starters, drives, star/delta starters & VFD.
- Provide support in operation & maintenance of LTV & HTV panels.
- Make engineering calculations in connection with field and office.

ii. **Descon Engineering Works (Pvt) Ltd. Lahore, Pakistan.**

1st Aug 2017 - 28th Aug 2017

❖ **Key Responsible**

- Involved in the plants erection works, commissioning and maintenance.
- Troubleshooting of PLC system (Siemens Simatic S7 300 & Allen Bredlly) and faults diagnosis.
- Maintenance & calibration of all types of temperature, pressure transmitters and transducers.

PROFESSIONAL SKILLS

- Microsoft Office
- AutoCAD
- Familiar with Computer use and application.
- Ability to work in Chemical/fumes environment.
- Circuit Analysis
- Micro Controller
- Software and Hardware Interface
- Circuit Fabrication
- Proteus
- MATLAB
- C++ Language
- Pspice Software for Circuit Analysis

ACADEMIC QUALIFICATION

BE Electrical Engineering **(2013-2017)** **CGPA(3.28)**

Hamdard University Karachi, Islamabad Campus

HSSC **(2013)** **(64%)**

Pre-Engineering, BISE Faisalabad

SSC **(2011)** **(66%)**

Science, BISE Faisalabad

CERTIFICATE

i. **The Certificate of Supervision by PEC**

8^{th} September 2018 – 30^{th} June 2019

PROJECT

Final Year Project

HVDC POWER TRANSMISSION SYSTEM THROUGH BACK TO BACK CONVERTER:

High voltage direct current (HVDC) technology has many characteristics that make it particularly more attractive in certain electric power transmission applications. The modeling and the control of the VSC-based HVDC system through back to back converter are investigated and described. The proposed method introduces controlled power losses at both grid stations. In the first part of the thesis, a back to back converter technique is used for HVDC power transmission. In the second part of the thesis, a capacitor bank technique is used for controlling the flow of active and reactive power.

It is developed under the supervision **Engr.Kamran**

Tools & Technologies Used:

Rectifier, Relays, Transformers, PIC Microcontroller, FET Inverter, LCD Interfacing