

## Usman Rafiq



### Objective:

To work in competitive environment that effectively utilizes my analytical, interpersonal, leadership and organizational skills to conceive and achieve solution. The solutions which help the organization in not only meeting its targets, but also allowing it to grow, thereby, enhancing my own skills as individual and as a key player in the organization's development.

### PROFESSIONAL EXPERIENCE

- **SOUTH ASIAN ELECTRICAL CONCERN.- Lahore, PAKISTAN**

A well-established Switchgear Company & manufacture various kind of switchgear items.

- **Design Engineer** (Switch Gear) 1st

March 2014 (Still continue...)

- **Job Description**

Preparation of Electrical & G.A drawing for relay & control panels, power transformer panels & switchgear, consisting of single line diagrams.  
Schematic diagrams & wiring diagrams as built, detail as bellow.  
Preparation Bill of material (BOQ), procurement coordination.

### ENGINEERING EXPERTISE

- **LV Switchgear**

- ✓ Motor Control Canter (MCC).  
DOL (Direct On Line).  
Reverse Forward.  
Automatic Star Delta.
- ✓ LT Switch Board different incomings (interlocking)
- ✓ Power Factor improvement Panel (PFI)
- ✓ LV metering control panel.
- ✓ Feeder pillar panel.
- ✓ Street light control panel.
- ✓ Sub main panel board (SMPB)
- ✓ Power Distribution Board (PDB)
- ✓ Lighting Distribution Boards (LDB)
- ✓ ACB Panels
- ✓ Change Over panels.
- ✓ Pad Mounted Transformer.

- **MV Switchgear**

- ✓ 11kv Wapda incoming panel
- ✓ 11kv Wapda bus coupler panel
- ✓ 11kv Wapda outgoing panel
- ✓ 11kv capacitor control panel
- ✓ 11kv Consumer panel or Grid END panel.
- ✓ 11kv Industrial Panel
- ✓ 11kv Transformer protection panel
- ✓ 11kv Switchgear with incoming & Outgoings panel
- ✓ 11kv auto changeover panel.

## MAJOR PROJECTS

### ● Medium Voltage Panel 11kV

- ✓ LDA PLAZA , KASHMIR ROAD LAHORE (132/11KV)
- ✓ M.A COLD STORAGE (Pvt) LTD. (132/11KV)
- ✓ LYALLPUR OIL REFINERY (Pvt) LTD. (132/11KV)
- ✓ MUSTAFA STEEL MILL (132/11KV)
- ✓ UNIVERSITY OF LAHORE (132/11KV)
- ✓ MALL OF PAKISTAN KORANI KARACHI (132/11KV)

### ● GEPCO (Gujranwala Electric Power Company LTD)

- ✓ PindiBhattianGrid (132/11KV)
- ✓ Old Power House Sialkot Grid (132/11KV)
- ✓ AwanShareef Grid (132/11KV)
- ✓ Phalia Grid (132/11KV)
- ✓ Hafizabad Grid (132/11KV)
- ✓ GT Road Gujrat Grid (132/11KV)
- ✓ ChianWali Grid (132/11KV)

- DMJ (Dera Murad Jamali 220 kV Grid Station)
- PESCO (Peshawar Electric Supply Company LTD)
- ISECO (Islamabad Electric Supply Company LTD)
- LESCO (Lahore Electric Supply Company LTD)

## EDUCATION

### Punjab Technical Board

Intermediate in Electrical Diploma (3-years) (DAE) (2014) (61%)

Lahore, Pakistan

### Govt Boys High School

Matriculation in Science. (2011) (55%)

Lahore, Pakistan

## COMPUTER SKILLS

### MS OFFICE

Competent in the use of various computer packages: Microsoft Word, Excel, Access, PowerPoint  
**Outlines**(Operating Systems=Windows 98, 2000, XP MS Word, Excel, Access, PowerPoint,)  
Lahore, Pakistan

### Auto CAD

Got Auto CAD training from Success College LAHORE.  
**Outlines** (AutoCAD 2d & 3d) versions 2010, 2009,2007,)  
Lahore, Pakistan

Graphic Designer Adobe Photoshop , Adobe Illustrator ,  
CorelDRAW training from Success College  
Lahore, Pakistan

## LANGUAGES

**Urdu:** Native Language  
**English:** Good  
**Punjabi:** Mother tongue

## EXTRACURRICULAR ACTIVITIES

**Sports** like to watch and participate in physical games as Cricket and Running.  
**Others** I am keen to study the books of History, Art and reading Engineering literatures.

- Competency to work as a team member
- Confidence to be a Team Leader
- Opportunistic and Challenging
- Flair to Satisfy Clients

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