

Resume

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Present Address

Transmission Protection
P.B.No : 2629, Doha, Qatar

Objective

To pursue a challenging career in a professionally managed and progressive concern, in the field of Power System Protection, to utilize my skills, result oriented personality and creative problem solving abilities, while exploring growth opportunities in the industry.

Educational Qualifications

Degree	:	Bachelor of Technology(B.Tech)
Discipline	:	Electrical & Electronics Engineering.
College	:	N.S.S.College of Engineering,Palakkad.
University	:	University of Calicut
Year Of Passing	:	2001

Experience

- Company : Qatar General Electricity&Water Corporation(Kahramaa)**
Duration : September 2008 onwards
Designation : Protection Engineer-Transmission

Job Responsibilities:

- Protection Routine Maintenance/Relay testing of Line Feeder, Transformer Feeder, Reactor bays, Bus Coupler& Bus section.
- Protection Testing and Commissioning of Kahramaa & Bulk Consumer Substations
- Witnessing Protection maintenance with contractor
- Attending Emergency call duty in 400/220/132/66 KV Transmission network.

Projects Handled :

- o RasLaffan Common Cooling water Project(CCWP)-Testing and Commissioning of 160 MVA transformers II & IV
- o Mesaieed A-IPP -400 KV Substation Project-Testing and Commissioning of Qatalum transformer feeder bay-G70 and Abu Nakhlah-IV transformer feeder bay G190.

- o Replacement, Testing & Commissioning of 25 MVA Transformer #2 at Old Ghanim Substation
- o Commissioning of 66/11 KV Substations SS-3 & SS-4 at Pearl Of Qatar
- o Implementation of Emergency Tripping Scheme at Wakrah, Naeaja Super, Airport Super and Abu Hamur North Substations.
- o Testing and Replacement of U/F Loadshedding relay- Micom P941-at Mesaieed-C, Al Jiffara and Lagta South.
- o Replacement and testing of 66KV/110V VTs at NDA, NDC and Old Ghanim
- o Testing & Commissioning of Oryx GTL 33 KV Feeder at Ras Laffan

2. Company : Dubai Electricity & Water Authority (DEWA)

Duration : December 2006 to September 2008

Designation : Assistant Engineer-Transmission Protection

Transmission Protection Commissioning & Maintenance

Job Responsibilities:

- Commissioning witness – CD-P
- Team Leader –TMD
- Working Committee Member for In house Training (Protection Commissioning & Maintenance) TMD
- Authorized to take Permit To Work (PTW) on all 400 /132 KV Circuits of DEWA Network

Commissioning Witness-Nature Of Job

Protection Testing & commissioning of 132/11 KV Substations, Notification of Defects, Drawing Mark up, Component & Scheme Test verification, Final / snag clearance inspection for EHV/HV Substation contracts, consisting,

- ✓ Line Feeder, Transformer Feeder, Reactor bays, Bus Coupler, Bus section.
Bus bar Protection Panels and CBF Protection
- ✓ In House Protection Modification projects – MV/HV/EHV.

Line feeder Remote end Protection Modification for new Substation Feeders in Line with DEWA PTW procedures.

Protection Maintenance-Nature Of Job

- ✓ Routine Maintenance - Relay Testing.
- ✓ In-house project commissioning witness
- ✓ Online Protection Setting Change /Testing.
- ✓ Attending Emergency call duty
- ✓ Organizing weekly In house Training Program.

Testing Exposure

- ✓ **Relays:** Main / Back up / Auxiliary relays of **Make:** Alstom, Areva, Siemens,ABB, Reyrolle
- ✓ **Scheme - MV/HV/EHV:** CT /VT Circuit checks, DC Scheme checks, Trip Circuit Checks, Trip Logic Checks, SCADA signaling check, Inter trip Logic check, Differential&REF. Sensitivity & Stability Test, Bus bar Protection Sensitivity / Stability Check, CBF Scheme and Trip logic test.
- ✓ **Switchgear Make :** ALSTOM/AREVA/ ABB /SIEMENS /ETA/TAMCO
- ✓ **Test Equipments Used:**
 - Primary Injection Test Kit : Programma T & R,Omicron CPC 100
 - Secondary Injection Test Kit : Omicron CMC – 256,CMC-156, ISA1000, Swerker- 760, SMC

3. **Company : Modern Rajab Construction-Abu Dhabi**

Duration : March-2004 to November-2006

Designation : Site Engineer (Protection Commissioning)

Projects handled : (i) Umm-Ul-Nar(S-18) and (ii) Buhasa(E-25) 132/11 KV Substations under Abu Dhabi Water &Electricity Authority(ADWEA)

Job responsibilities

Installation, testing& commissioning of 132/11 KV Substations, Protection relays- Alstom,Areva,ABB, Siemens & Reyrolle make, Verification of Marked up Drawing, Test Reports and final Snag Clearance prior to Energisation

4. **Company : Kerala State Electricity Board (KSEB)-India**

Duration : July-2001 to March –2004

Designation : Assistant Engineer(Sub station)

Site Handled:

- 1) 110/33/11 KV Substation,Mannarkkad.
- 2) 110/11 KV Substation,Malampuzha.
- 3) 33/11 KV Substation,Agali.(Under Transmission Construction)

Job responsibilities

- (i) Worked as Substation Engineer of 110 KV Substations for Supervision of Operation and Maintenance of all Substation Equipments. (July 2001-August 2003)

(ii) 33 KV overhead line construction and commissioning of 33/11 KV Substation, Agali (Sep 2003 - March 2004)

Relays Tested

ABB Make	SPAJ ,SPAS, REL 316*4, REL 551 ,REL 561,RED 670,LCB II
ALSTOM /AREVA Make	LFCB, MBCH, MBCI, MCAG, Micom P63X, MicomP54X, MicomP44X, Micom P127, Micom P125, Micom P121, Micom P122 , MCGG, METI, MCRI, MICOM- P141(CB Fail Relay),Micom P94X
SIEMENS Make	7SD511, 7SD503, 7SD512, 7SD612, 7UT512 (Differential relays), 7SJ600, 7SJ62, 7SJ531 (Dir. / Non Dir.Over Current & Earth Fault Relays) 7SV512 (CB Fail Relay)
Reyrolle Make	THR , DUOBIAS, 5B3, B3 , SOLKAR-Rf, 4C21,ARGUS1, 2, & 3, 2DCC, TJM Relays(Dir. / Non Dir. Over Current & Earth Fault Relays), 2DAB (CB Fail Relay) , TR series, B Series, XR Series, DDB5 (Trip, Auxiliary, Supervision and Special function relays)

Relay Testing Softwares Used

- ❖ **Micom S1**
- ❖ **Digsi 4.7 ,4.8**
- ❖ **PCM 600,Cap 540,Cap RE 316**

Computer skills

- **1: Enterprise Resource planning software**
 - **Maintenance Management System & Office Management System**
- **2: Computer languages:**
 - **FORTRAN 77 , C & C++**
- **3: Packages:**
 - **MS Office**
- **4: International computer driving license (ICDL) Certified**

Personal Strengths

- a) Strong knowledge in power system protection and Setting calculation**
- b) Comprehensive problem solving abilities, willingness to learn, Good listening capability, ability to deal with people diplomatically, optimism, self-motivation, commitment towards**

the work & team facilitator.

Personal Information

Passport No : **E 0117580**
Father's name : **K.C.SHAMSUDHEEN**
Date of Birth : **25-May-1978**
Sex : **Male**
Nationality : **Indian**
Religion : **Islam**
Marital status : **Married**
Languages known : **English, Hindi, Malayalam and Tamil**
Driving Licence : **Holds valid Qatar,UAE &India LMV Driving License**

Training Summary

- **AREVA** Training on Numerical Busbar protection Relays-Micom P 741 & P 742 (Doha/Qatar-3 Days)
- **Siemens** training on **7SD5,7UT6** and **7SS52** (Doha/Qatar -3 Days)
- **Hyundai** training on **110V & 48V Battery Charger**(Straton&Bin Ghalib Make),**ACDB and DCDB**(Doha/Qatar-4 Days)
- **AREVA** Training on Numerical Relays-Micom P122,P632,P442 &P353 (Dubai/UAE-3 Days)
- IDM Training of Fault Recorder by **Qualitrol Corporation,UK**(Dubai/UAE-4 days)
- THR-Distance(Reyrolle) and Siprotec 7SD61-Line Differential(Siemens)/(In House Training-**DEWA**,2 Days)
- Management Training (3 Sessions-**DEWA**)for improvement of work management by **CANNIZARO**, a UK based management Consultant.
- Safety Training of 'Basic Needs On Occupational Health & Safety' and 'Risk Assessment'. (**DEWA** Head Office-2 Days)

