

**MUHAMMED NIYAS M K**  
**B.E. ELECTRICAL ENGINEER**  
**DEWA, FEWA & SEWA EXPERIENCED ELECTRICAL ENGINEER**  
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## CAREER OBJECTIVE

To build on my professional career with a reputed, progressing organization with challenging Responsibilities, which will help me explore myself fully and realize my potential, shaping my future.

## PROFESSIONAL SUMMARY

- An enthusiastic professional with **more than 6+ years of experience**, highly motivated and leadership skills having Bachelor of Engineering degree in Electrical & Electronics Engineering.
- Specialized in HV cable works.
- Expert in implementation of each step of project.
- Ability to work as individual as well as in group.
- Excellent Communication, listening and motivating skills.

## EXPERIENCE

### Extra High Voltage Electro-Mechanical Contracting LLC, Dubai, UAE Senior Project Engineer-Electrical

*June 2020-Present*

Working as Senior Project Engineer-Electrical at EHV EMC with the following responsibilities,

- Responsible for the Installation & Commissioning of LV, 11 KV, 33 KV, 132 KV cables as per standard.
- Co-ordination for all testing activities of Pre-Commissioning & Preliminary Test and follow-up testing Program.
- Co-ordinate with site construction team, client, consultant for site inspection and approval of the same.
- Co-ordinate with government authorities to arrange NOC for the cable laying works.
- Perform HVDC test, Insulation resistance test, conductor resistance test, Contact resistance test in ELB's, earth resistance test in joint bay & phase identification test.
- Prepare the test report and co-ordination with client for approval.
- Ensure all the testing equipment calibration up to date.
- Reporting work progress to the project manager/planning engineer and update the schedule.
- Preparation of routine reports (Daily/Weekly/Monthly)
- Preparing of method statements relevant to the projects.
- Co-ordination for SAT procedures such as Drum Test at site, Sheath test, Conductor Resistance, Phase Verification, SVL, Earth Resistance, Shield Break Test, Positive & Negative, zero sequence, Cross bonding Verification, Contact Resistance and HVAC test,
- Familiar with MEGGER make test equipment's.
- Knowledge in safety measure and precautions.

## PROJECTS HANDLED

PROJECT: Pre-Commissioning testing works for 132Kv cables-Riggat al buteen, Dubai (BSTN -RGBN-SALA)

End Client: Dubai Electricity and Water Authority.

Main Contractor: M/s Danway Electrical & Mechanical Engineering LLC.

Testing Contractor: M/s Extra High Voltage Electro-Mechanical contracting LLC.

PROJECT: Pre-Commissioning testing works for 132Kv cables-Nad Shamma, Dubai (MKBR-MUSH-APRT).

End Client: Dubai Electricity and Water Authority.

Main Contractor: M/s National Contracting Company.

Testing Contractor: M/s Extra High Voltage Electro-Mechanical contracting LLC.

## EXPERIENCE

### OHL Contracting LLC, Dubai, UAE Project Engineer-Electrical

*August 2019-March 2020*

Worked as Project Engineer-Electrical for Installation & Commissioning of 11 KV & LV cables for DEWA with following responsibilities,

- 11 KV & LV Cable laying works Co-ordination.
- Arranging permissions & NOC's for excavation and cable laying from various Developers & Villa Owners.

- LV & 11 KV Joint works Co-ordination.
- LV & 11 KV Termination Works Co-ordination.
- Shutdown work co-ordination with DEWA commissioning team and project team.
- Preparation of CAD Drawings-Cable route revision drawings, Joint bay drawings, As built drawings etc.
- Handling Earth Resistance Test, Contact Resistance Test, Insulation Resistance Test etc.
- Preparation of all the documentation work related to the projects including daily report, weekly report, Material request & NOC renewal, Work intimation requests.

## PROJECTS HANDLED

PROJECT: Installation & Commissioning of 11 KV cables.

End Client: Dubai Electricity and Water Authority.

Contractor: OHL Contracting LLC.

S #	CAR NO/LOCATION	S#	CAR NO/LOCATION
1	5105/18-BURJ KHALIFA	8	0062/18-MARSA DUBAI
2	5282/15-MIRDIF SH-02	9	0641/17-MARSA DUBAI
3	0783/19-BARSHA	10	1608/17-MARSA DUBAI
4	0679/19-AL RIGGA	11	1651/16-BURJ KHALIFA
5	0614/19-AL WASL	12	0158/11-AL SAFOUH SECOND
6	5180/17-ZABEEL (SH1SH2)	13	0468/18-AL SATWA
7	0836/19-UMM SUQEIM THIRD	14	2021/08R2-MARSA DUBAI

## EXPERIENCE

**GECO Mechanical & Electrical Limited, Sharjah, UAE**

*July 2015-July 2019*

**Electrical Engineer**

- Worked as an Electrical Engineer at GECO with the following responsibilities.
- 132KV, 33 KV & 11 KV Cable laying works Co-ordination.
- Horizontal Directional Drilling Works co-ordination.
- Co-ordinating with various Government Authorities for NOC, Permission for Excavation, Cable laying and HDD related works.
- 132KV, 33 KV & 11 KV Joint works Co-ordination.
- 132KV, 33 KV & 11 KV Termination Works Co-ordination.
- Lightning Protection Systems site Co-ordination.
- Preparation of CAD Drawings-Cable Route Drawings, Joint Bay Drawings, As built Drawings etc.
- Earthing works site Co-ordinations.
- Handling Earth Resistance Test, Contact Resistance Test, Insulation Resistance Test etc.
- Preparation of all the documentation work related to the projects.

## PROJECTS HANDLED

PROJECT: 132/33/11 KV Substation + 132KV Cable Laying including 11 Nos HDD & 6 Nos Duct Bank Al khan, Sharjah.

End Client: SEWA

Main Contractor: SIEMENS

Cable Laying Contractor: GECO M&E LTD.

Scope: Supply & Installation of 132 KV, 800 Sq.mm, Cu/XLPE/LEAD power cable and fibre optic cable (24 fibres) for connectivity to 132 kV substations at Abushagara, Al khan & Muweleah.

PROJECT: 132/33/11 KV Substation + 132KV Cable Laying including 8 Nos HDD and 5 Nos Duct Bank -Abushagara, Sharjah.

End Client: SEWA

Main Contractor: SIEMENS

Cable Laying Contractor: GECO M&E LTD.

Scope: Supply & Installation of 132 KV, 800 Sq.mm, Cu/XLPE/LEAD power cable and fibre optic cable (24 fibres) for connectivity to 132 kV substations at Abushagara, Al khan & Muweleah.

PROJECT: FEWA 83E/2016-33/11KV Substation and Cable Works in Northern Emirates. Industrial Area-2, Ajman.

End Client: FEWA

Main Contractor: GECO M&E LTD.

Consultant: POYRY SWITZERLAND.

Scope: Design, Supply, Installation, Testing, Commissioning & Handing over of 33/11kv substation and 33 KV cable works at Industrial Area 2, Ajman.

PROJECT: FEWA 83E/2016-33/11KV Substation and Cable Works in Northern Emirates. Safia, Ajman.

End Client: FEWA

Main Contractor: GECO M&E LTD.

Consultant: POYRY SWITZERLAND.

Scope: Design, Supply, Installation, Testing, Commissioning & Handing over of 33/11kv substation and 33 KV cable works at Safia, Ajman.

PROJECT: 132/33/11 KV Substation including Earthing and Lightning Protection works at Al Khan, Abushagara, University 132 KV Substations and Abushagara SEWA consumer office building.

End Client: SEWA

Main Contractor: SIEMENS

Sub-Contractor: GECO M&E LTD.

Civil Contractor: Darwish Engineering.

Scope: Supply, Installation, Testing, Commissioning & Handing over Complete earthing and Lighting protection system at Al Khan, Abushagara, University 132 KV Substations and Abushagara SEWA consumer office building.

PROJECT: 33/11 KV Substation including 33 KV cable laying works at Juraina 2, Sharjah.

End Client: SEWA

Main Contractor: GECO M&E LTD.

Scope: Design, Supply, Installation, Testing, Commissioning & Handing over of 33/11kv substation and 33 KV cable works at Juraina 2, Sharjah.

## EXPERIENCE

**PARCO Medical Research Institute, Calicut, India**

*April 2014-June 2015*

**Site Engineer-Electrical**

- Carry out site activities as per the instruction from Project Engineer and Project schedule.
- Interpret Drawings and instruct & supervise Site Foremen, Communications with supply authorities, Consultants and Contractors.

## PROFESSIONAL QUALIFICATION

**Degree:** BE

*2010-2014*

**Branch:** Electrical & Electronics Engineering

**College:** Indus College of Engineering, Anna University, Chennai- India

**Marks:** FIRST CLASS - 6.67 CGPA

## EDUCATIONAL QUALIFICATION

**HSE(XII)**

*2008-2010*

Kerala State Board: 74%

**SSLC(X)**

*2007-2008*

Kerala State Board- 76%

## ACADEMIC PROJECT

**Project Name:** Cruise Control & Vehicle Lane Tracking.

**Description:** Lane tracking in the high ways with the help of camera. Measure the distance with ultrasonic sensors and providing automatic braking with safe control techniques in the road.

## PERSONAL PROFILE

**Passport Number** : K5234640

**Gender** : Male

**Date of Birth** : 09-10-1992

**Nationality** : Indian

**Religion** : Islam

**Marital Status** : Married

**Languages known** : English (W, R, S), Malayalam (W, R, S), Hindi (W, R, S), Arabic (W, R, S), Tamil(S)

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