

## Cover Letter



### INTRODUCTION

I am an Electrical Engineer with 11 years' experience available for global opportunities. Presently working as an Electrical QC Inspector (E&I) for Petroleum Development Oman Project – Condensate Recovery Maximization of two hydrocarbon gas plants (Saih Rawl Central Processing Plant & Siah Nihayda Gas Plant) where i mainly involved in Electrical and Instrumentation activities.

### JOB OBJECTIVE

My 11 Years professional experience from **India, Qatar, Kuwait, Saudi Arabia, Afghanistan** and **Oman** suitable for Middle Management level positions who is enough to handle activities from design coordination, procurement, materials / equipment preservation, construction, mechanical completion, testing / pre-Commissioning and final commissioning for Oil & Gas, Power distribution, Mega and high raised building projects

### EDUCATION QUALIFICATIONS

- Master of Technology in Electrical Power Systems expected to obtain in 2016 from Jawaharlal Nehru Technical University, Hyderabad - India
- Bachelor of Engineering in Electrical & Electronics obtained in April 2005 from University of Madras, Chennai – India

### CERTIFICATIONS

- Bachelor of Electrical and Electronics Engineering Certificate is attested by university of Madras, Indian foreign external ministry, Embassies of Kuwait, Oman, and Saudi Arabia
- Saudi Council of Engineers Membership No - 162715
- ISO 9001: 2015 QMS Lead Auditor Training Program 23<sup>rd</sup> – 27<sup>th</sup> November 2015, Hyderabad-India
- PDO, ARAMCO, USACE, QC Staff Approvals
- Inspection and maintenance of Electrical Equipments in Explosive Atmospheres - **CompEx** Certificate No: 56986

### PERSONAL DATA

Name		DHARMA RAO DRONADULA
Total Experience	:	11 Years, (8 Years in Abroad and 3 Years in India)
Experience in sector wise	:	6Years in Oil&Gas, 5Years in Power Distribution & Buildings
Date of Birth / Age	:	15-06-1982, 34 Years
Contact Numbers	:	India Cell +91 73 86 96 97 98, Oman Cell +968 9563 2001
Email ID / Skype ID	:	d.dharmarao@gmail.com / naperudharma
Passport Number / Place of Issue	:	H8151738 / Hyderabad
Date of Issue / Expiry	:	10-3-2010 / 9-3-2020
Languages Known	:	English, Hindi, Telugu, Tamil, Urdu, Arabic (learning stage)
Availability / Expected Salary	:	30 days / Can be discussed during the interview

# Curriculum Vitae

## A Result Oriented Professional with 11 Years' Experience in the Areas Of

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Oil & Gas / Petro-chemical | <input checked="" type="checkbox"/> Power Distribution Projects  | <input checked="" type="checkbox"/> Water Treatment Plants    |
| <input checked="" type="checkbox"/> Large Infra & Townships    | <input checked="" type="checkbox"/> Mega & High Raised Buildings | <input checked="" type="checkbox"/> US Military Base Projects |

## Major Projects Handled

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> PDO CRM Project – SRCPP & SNGP                   | <input checked="" type="checkbox"/> Yanbu ARAMCO Sinopec Refinery - SP3        |
| <input checked="" type="checkbox"/> GWES-BP (British Petroleum) Khazzan Block61      | <input checked="" type="checkbox"/> Kuwait National Petroleum Company-MOIP     |
| <input checked="" type="checkbox"/> US Army Corps of Engineers – Qalat Military Base | <input checked="" type="checkbox"/> KAHRAMAA 7th Phase Power Substations       |
| <input checked="" type="checkbox"/> Dolphin Energy Ltd–Common Low Sulphur C S E F    | <input checked="" type="checkbox"/> Princess Nora bint abdul Rahman University |

## Key Skills

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Project Engineering / Coordination    | <input checked="" type="checkbox"/> Site Planning and Supervision |
| <input checked="" type="checkbox"/> Quality Assurance and Quality Control | <input checked="" type="checkbox"/> Testing and Commissioning     |

## HSE Awareness

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> General Site Safety Inductions | <input checked="" type="checkbox"/> Confined Space Entry, H2S/BA | <input checked="" type="checkbox"/> Permit to Work System      |
| <input checked="" type="checkbox"/> HAZOP / HITRA                  | <input checked="" type="checkbox"/> Lock Out Tag Out             | <input checked="" type="checkbox"/> Work at heights, Near miss |

## Software Skills

- |   |   |  |   |
|---|---|--|---|
| <input checked="" type="checkbox"/> MS Office | <input checked="" type="checkbox"/> AutoCAD | <input checked="" type="checkbox"/> Primavera P6 | <input checked="" type="checkbox"/> Resident Management System ( USACE) |
|---|---|--|---|

## Job Description / Responsibilities

### ➤ Quality Assurance / Quality Control

- ✓ Experience in "ATEX " / "IECEX" Inspections accordance with IEC-60079-10,14,17 / NEC 500/505
- ✓ Experience in EEHA visual, close and detailed inspections ( Ex-d, Ex-n, Ex-e, Ex-p, Ex-i )
- ✓ Review and implementation of project QCP, ITPs, CCMS/ Inspection Checklists, ITRs and other necessary documents like Pro-Active Notice, NCR, CAR and punch list formats
- ✓ Collecting catalogues for all required project materials (VDB – Vendor Data Books), verifying with project specifications and making submittals for client approval
- ✓ Ensures that all site works are carrying according to AFC drawings & all applicable quality standards
- ✓ Quality Supervision, planning and preparing for MOM with client, contractors and vendors
- ✓ Coordination with site construction team and contractors for inspections at different stages like  
1. Materials receiving, 2. Preservation, 3. Installations 4. Testing and commissioning
- ✓ Proactive notice, NCR reports making with photo graph proofs, CAR review and closing NCRs
- ✓ Maintain RFI Log and preparing two weeks look Ahead schedule for inspections,
- ✓ Daily site surveillances, monitor overall site inspections and follow-up as-built drawings
- ✓ Review contractors weekly and monthly Quality reports and making Monthly Quality report
- ✓ Review overall internal and client punch list after making punch points during regular inspections, final inspections / Mechanical completions and commissioning walk through
- ✓ Coordination with construction representatives and client for closing list of punch points
- ✓ Review final QA dossiers accordance with client approved index before submission to the client
- ✓ Planning, conducting of internal audit to contractors, reporting of findings, fallow up to close NCRs
- ✓ Preparing and supporting for internal / external audits, aware of ISO 9001:2015 & ISO 19011:2011
- ✓ Familiar with NEC/NEMA, IEC, PDO / SHELL DEP, SP, PR and ARAMCO Standards

**➤ Project / Site Engineering**

- ✓ Generally responsible for implementations and monitoring of all electrical related works at site
- ✓ Estimates, prepares and assigns the resources such as manpower, materials, consumables, equipment, tools, etc., required for all electrical and related works prior to execution
- ✓ Plans and analyses all possible construction methodologies and recommends the best options to the Project/Site Manager for approval prior to execution at site, Design review and coordination, issue site instructions/change orders, supporting to the procurement team
- ✓ Understand flawless project delivery system and monitoring of Key Performance Indicators (KPIs)
- ✓ Interprets construction drawings such as layout, SLD, GA, typical installation, and studies the contract documents, BOM/BOQ and applicable standards or specifications prior to execution of jobs
- ✓ Manages directly and provide engineering and technical supports to electrical work groups at site
- ✓ Planning, execution and coordination for all electrical, mechanical, instrumentation related works
- ✓ Coordinates with Client / Consultant's representatives for any site instructions, inspection of works
- ✓ Assign targets for accomplishments and ensure targets are met on daily basis for all electrical and instrumentation groups at site
- ✓ Submits site daily reports, inspection requests, estimates and all applicable monitoring reports on regular basis, preparing site statistics and conducting scheduled site progress meetings
- ✓ Ensures that all site construction activities going according to the approved construction drawings, contract documents, project specifications, and all applicable national or international standards
- ✓ Directly responsible for the safety of all electrical groups' personnel of the project by ensuring that the project execution will be done according to all applicable health, safety, sanitary and environmental standards
- ✓ Coordination with site HSE department for necessary safety trainings and housekeeping at site
- ✓ Review contractors weekly and monthly site progress report and prepare monthly report for client
- ✓ Participating for daily internal meeting and weekly client meetings, preparing MOM

**➤ Testing & Commissioning**

- ✓ HV, MV, LV cables testing – before and after laying Visual checking, Meggering, Hi-Pot test
- ✓ MV, LV Transformers (oil filled / dry type) testing as per project specifications and approved MS
- ✓ MV, LV Switch gears, MCC and PDB panels testing – Bus bar hi-pot test, Individual breakers tripping test, CT / PT ratio test, V/A meter's accuracy test and other functional tests
- ✓ Cables termination – color coding, tagging, phase sequence, termination bolt torque test
- ✓ Diesel generators site acceptance tests – Alternator Meggering, winding resistance, functional tests
- ✓ MV, LV Motors preservation tests at warehouse, field tests, solo run tests
- ✓ Lighting illumination, functional testing, Power utility industrial sockets polarity / ELCEB testing
- ✓ Calibration of instruments, Well-versed with LOTO – Lock out Tag out operation procedures
- ✓ Earthing system – Equipment earthing and body earthing, continuity, individual earth pit and grid resistance, step and touch voltages testing
- ✓ make sure client witnessing all testing values to comply with acceptance criteria
- ✓ Review overall reports to comply with client specs, sign off and submission to client acceptance

## Work Experience in detail

Duration	Organization	Designation	Project	Client
May-2016 to Present	OHL Industrial & SENER Joint Venture - Oman	Electrical (E&I) QA/QC Inspector	SRCPP & SNGP Condensate Recovery Maximization Project	PDO - Petroleum Development Oman, Sultanate of Oman

- ❖ Simultaneous upgradation of two hydro carbon gas plants (SRCPP & SNGP) from PDO- Oman
- ❖ Total 3 shutdown Jobs included in the overall project – SRCPP Train 1, SRCPP Train 2, SNGP Tie-In
- ❖ SNDC 132KV Switch Yard & SNGP Green Field: Demolition of existing facilities like plant lighting, earthing, 132/33/11/0.420 KV power distribution includes new 33/11/.420 KV SS building, 11KV Compressor, E&I equipments installation in S/S building and field, lighting, earthing system
- ❖ SNGP brown field: Two 132/33 KV Transformers installation at switch yard, E&I field equipment installation, 1.5 KM underground 33KV cable laying, Earthing and lighting modification
- ❖ SRCPP Green Field: Demolition and re-routing of existing facilities like FO cables, lighting and earthing facilities, New Compressors and Scrubber installation, E&I field equipments installation, new earthing and lighting, lightening installations
- ❖ SRCPP Brown Field: 6.6kv / 0.415KV SWG modification, Lighting, Earthing and lightening works Chillers and Fire water pumps Installation at train-1 & train-2, E&I field equipments
- ❖ Overall HV/LV Cable laying underground, above ground with perforated/ ladder cable trays
- ❖ Testing and commissioning of all E&I Equipments, Instruments calibration and loop checking

Duration	Organization	Designation	Project	Client
Jan-15 to Nov 2015	Veolia Water Systems (Gulf) FZC. P.O Box 685, Muscat – Oman	Project QA/QC Engineer	Raw Water Treatment Plant for BP Khazzan GWES Project	British petroleum Khazzan Block-61, Sultanate of Oman

- ❖ Inspection of Installation, testing and commissioning for 6x1250 KVA +1x500 KVA diesel generators with synchronization, 13 wells x (650KVA + 250 KVA )diesel generators with ATS
- ❖ Underground cabling with tranches / duct banks, above ground cabling with cable trays / conduits
- ❖ Motors and pumps, JB's, switching and control panels, MCC Panels, RTU Panels, VFD Panels, RO containers, air blowers/ compressors for instrument air through SS tubing
- ❖ Field and street lighting, Grounding, lightening, cathodic protection
- ❖ UPVC piping for drainage system, GRP, CPVC, SS Piping for water distribution system
- ❖ GLS bolted tanks, Multi Media Filters, GRP tanks for water storage and treatment
- ❖ piping installation line walk, hydro test, reinstatement
- ❖ Field instruments installation and loop checking in accordance with loop folders

Duration	Organization	Designation	Project	Client
Sep-13 To Jun-14	Saudi Techint Ltd, Dammam, Saudi Arabia	E & I – QC Engineer	Yanbu Export Refinery Project - SP-3 Package	YASREF - Yanbu Aramco Sinopec Ref.,Yanbu, KSA

- ❖ Complete installation, testing and commissioning of 13.8KV / 4.16 KV / 480V substation SS-16
- ❖ Complete installation, testing and commissioning of 9 numbers Remote Motor Control Centers to cover all the site where every RMCC having 750kva,13.8KV/ 480 dry type transformers, 480V MCC Panels, dry type power and lighting transformers rated 480V/208V-120V&480V/480Y/277V, 10kva UPS, VFD panels, power socket outlets, lighting and space heater panels
- ❖ Coke storage, sulfur storage, palletizer buildings, substation-16, approx. 7 km in length conveyor, streets and fence lighting, power and welding sockets, grounding and lightening protection system
- ❖ Sea support building, security monitoring and entrance gate power and lighting system
- ❖ Control, Operation and Maintenance building: Installation of DCS Panels, PAGA, F&G detection and alarm system panels, complete UPS system ( AC-DC, AC-DC-AC)
- ❖ 4 x 500kva Diesel generators with ATS at different locations for critical loads
- ❖ MV/LV Cables laying underground and above ground ( long length / huge number of drums)
- ❖ Field MV/LV Motors, HVAC units, Instrument air compressors and blowers
- ❖ Installation, loop testing for field instruments, Cathodic protection, Skin/Heat tracing system

Duration	Organization	Designation	Project	Client
Nov-12 to Aug-13	Contract International Inc., USA ( <b>Afghan operations</b> )	QC-Electrical Engineer	Military Base Expansion (Eagle Camp – Qalat )	US Army Corps of Engineers (USACE)

- ❖ Demolition of existing barracks and motor pools after clearance from US Army corps of Engineers
- ❖ Construction of Barracks, admin, warehouse, vehicle maintenance, weapon storage, training, classrooms, dining hall, shower and latrine buildings, Guard Towers, Motor Pools.
- ❖ Underground power MV/LV and communication cables through duct banks, manholes
- ❖ Pad mounted transformers up to 1000 KVA, outdoor Stand by Diesel Generators up to 400kva with MTS, MDP, power and lighting panels indoor / outdoor, Lightening protection and Earthing system
- ❖ EMT conduits, weather proof, Explosion proof junction boxes , disconnecting switches and sockets for HVAC system, interior, emergency, exterior, exit sign lighting fixtures
- ❖ Streets and Motor pool area lighting by lighting poles height up to 6-12m , fence flood lighting

Duration	Organization	Designation	Project	Client
May-12 To Nov - 12	CB Richard Ellis South Asia Pvt Ltd. Hyd- <b>India</b>	Senior Project Coordinator	DLF Garden City, Nandigam-Hyderabad	DLF Ltd, India

- ❖ 11kv overhead transmission lines from two different existing substations to feed 2 no's RMU panels located at site. These 2 RMU panels will feed 9 number of 11kv/ 430v substations
- ❖ Complete installations of 9 no's 11kv /430 v outdoor power distribution substations
- ❖ HT / LT underground cable laying by trenches and concrete encased duct banks where road crossing
- ❖ Feeder pillars (PDB) installations out door type to give power supply for 1200 plots
- ❖ 25 km street lighting both 6meter, 8 meter, single arm, double arm, octagonal poles
- ❖ Earthing for all substations, outdoor feeder pillars, street lighting poles
- ❖ Installation of clay Sewer pipe lines, cpvc water pipe lines, drainage sys

Duration	Organization	Designation	Project	Client
Jul-10 To Feb-12	Saudi Oger Ltd, <b>Saudi Arabia.</b>	Electrical QA/QC Engineer	Buildings and facilities for PNU -University.	Ministry of Education - Saudi Arabia

- ❖ Complete installations of 13.8/ 0.380 kv indoor basement power distribution substations
- ❖ Lighting and power system for female administration, male administration, conference and community hall building, small and big mosque, central library buildings.
- ❖ Underground MV/LV cable laying, MDB's, PDB's , ATS panels, Capacitor Banks, 120kva UPS system
- ❖ Cable tray, PVC, EMT conducting and cable laying, disconnecting switches, industrial socket outlets
- ❖ Installations of switches and power sockets according to the internal Architectural drawings
- ❖ Interior, exterior, emergency, exit sign lighting fixtures installation
- ❖ Back up Diesel Generators up to 500kva, Earthing and lightening protection
- ❖ Street lighting 6 meter octagonal pole single / double arm, streets and building sign boards

Duration	Organization	Designation	Project	Client
Oct-09 To Jun-10	Al Duqum Oil Field Supply &Services LLC. <b>Oman</b>	Sr. Electrical Engineer	Salalah Methanol Plant	GS E&C/ Salalah Methanol company LLC Oman

- ❖ MV/LV Cables installation underground and above ground by ladder and perforated cable trays
- ❖ Field MV/LV motors, power JB's, PDB's, local control panels, disconnecting switches installation
- ❖ Field and street lighting by octagonal and tubular type poles
- ❖ Utility power socket outlets, industrial and welding sockets installation as per design drawings
- ❖ Weather proof and explosion proof junction boxes and power distribution panels installation as per design drawings where mentioned
- ❖ Grounding and lightening projection system execution as per AFC drawings and site instructions
- ❖ Cathodic protection system installation
- ❖ Temporary site utilities by arranging diesel generators / distribution panels for welding works

Duration	Organization	Designation	Project	Client
Jan-09 To Sep-09	Almeer Technical Services Company W.L.L, <b>Kuwait</b> .	Electrical Engineer	MOIP Project - Mina Al Ahmadi Refinery (MAA)	Mina Al-Ahmadi Refinery KNPC-Kuwait

- ❖ Modernization of obsolete Instrumentation Project, Refinery Modernization Project
- ❖ Worked in Areas of RMP, UCR, CCR include SHUTDOWN job of the MAA Refinery
- ❖ Demolition of existing, installation of new UPS system up to 1200 KVA with lead acid battery banks
- ❖ Modification of existing substations in order to take power supply by spare/ spare MCC Panels
- ❖ Demolition of existing obsolete electrical LV panels and other installations for installation of new electrical panels, JB's, rerouting of cables with cable trays and conduits
- ❖ Underground cabling all around the refinery area where required, installation of weather proof and flame proof junction boxes, PDB's at outdoor field area, Hot loop cut over system
- ❖ Power and lighting panels, industrial welding sockets, exterior plant lighting
- ❖ Earthing & lightening protection system for field equipments, substations and for control rooms
- ❖ Interior, emergency, exit sign lighting fixtures in the control rooms and substations
- ❖ Flame proof lighting fixtures and JB's, exhaust fans installation for batter room

Duration	Organization	Designation	Project	Client
Nov-07 To Sep-08	Qatar Engineering & Construction Company W.L.L, Doha – <b>Qatar</b>	Electrical Project Engineer	KAHRAMAA 7 <sup>th</sup> Phase 400/220/132/66/33/11KV Substations	Kahramaa / Siemens - Qatar

- ❖ Installations of indoor power distribution substations 400/220/132/66/33/11/0.440kv
- ❖ Installation of transformers, GIS/Metal-Clad switch gears, relay, transformer control, PDB panels, JB's
- ❖ Cable tray work at basement, HV, MV, LV cable laying, glanding and termination
- ❖ LVAC & DCDB switch gears, 110v, 48v UPS system (UPS panels and battery bank) installations

Duration	Organization	Designation	Project	Client
Nov-07 To Sep-08	Qatar Engineering & Construction Company W.L.L, Doha – <b>Qatar</b>	Electrical Project Engineer	Common Low Sulphur Condensate Storage and Export Facilities	Dolphin Energy Ltd. (DEL) (Raslaffan, Qatar)

- ❖ Power supply from existing substation which is located in RASGAS plant area to new Sub Station-40
- ❖ Power supply from new substation to field operated motors, welding sockets, MOVs, etc....
- ❖ HV/ LV underground cabling, power distribution panels and junction boxes at plant area
- ❖ Exterior plant lighting by GI poles, Earthing, Lightening protection system

Duration	Organization	Designation	Project	Client
Nov-07 To Sep-08	Qatar Engineering & Construction Company W.L.L, Doha – <b>Qatar</b>	Electrical Project Engineer	Common Laboratory Building and Facilities	Qatar Gas–Raslaffan, Qatar

- ❖ Power supply from existing substation to new 11/0.440 KV Transformers at building, LVSG, UPS, HV, LV underground and above ground cabling, power distribution panels and junction boxes inside and around the building installation, testing and commissioning
- ❖ Earthing system installation and testing

Duration	Organization	Designation	Project	Client
June-05 To Oct-07	ECI Engineering & Construction Company Ltd. Hyderabad, <b>India</b>	Electrical Engineer	220/132/33/11/.430 KV Substations and Transmission lines	MAHA Transco, AP Transco – India.

- ❖ Execution of outdoor power substations up to 220KV
- ❖ Equipments installation/ modification/ expansion works in switch yards and control rooms
- ❖ OHTL works up to 220 KV

Safety First – Quality Must