

# **PARTH N PANDYA**

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## **OBJECTIVE**

To secure a challenging position in an esteemed organization, where my capabilities utilized for the growth of the organization and ample scope obtained for my career growth. To use the knowledge, experience, and skills acquired, to learn and adopt new and emerging technologies.

## **CAREER SUMMARY**

- Experience in Cryogenic Hydrocarbon plant, petrochemical plant, and chemical plant, dairy plant, metro Rail at various positions.
- Involved in Erection, Testing, Commissioning, and Start up as well as Maintenance activities in various projects.
- Experience work on SAP/ERP system like of permit, PR/PO, material reservation, code generation, and maintain spare material.
- Aware of Standard maintenance procedure, SOP/SMP for maintenance, PSSR, PSM, OMS, work order & Safety procedure required to carry out safe and smooth job in Industries.
- In-depth knowledge of distribution, transmission and generation protection functions.
- Knowledge of transient stability, knowledge of power system automation and their protocols.

## **PERSONAL SKILLS**

- Excellent Communication, interpersonal, technical analysis, creative and leadership skills.
- Decision making, strategic direction and managing changes.
- Strong analytical, logical and problem solving skills and ability to quickly adapt to new technologies by self-learning.
- Ability to liaise with major/various stakeholders

## **WORK EXPERIENCE**

### ***A. Gujarat Metro Rail Corporation Limited***

*(27/04/2021 to till date)*

***Designation: Assistant Manager E & M/O & M***

#### **Key Roles and Responsibilities:**

- ❖ Involve in Tendering of E & M Works, budgeting, planning & execution of E & M works. Also involve in preparation of technical specification, administration of contracts, installation, and testing, commissioning and statutory approvals of electric system.  
Ahmedabad Phase 1 Project consists of 32 stations (28 Elevated & 4 UG) and 2 Depot.  
Ahmedabad Phase 2 Project consists of 22 stations.
- ❖ E&M works of LT Panels, LT cables & Cable trays, air conditioning system and LV distributions, DG set, UPS, Fire Fighting system, Fire Detection & Alarm Systems, Lift & Escalators.

### ***B. Amulfed Dairy (Previously known as Mother Dairy) (22/05/2019 to 26/04/2021)*** ***(A Unit of Gujarat Co-operative Milk Marketing Federation Limited)***

***Designation: Senior Technical Assistant-2***

#### **Key Roles and Responsibilities:**

- ❖ Monitoring Captive power plant (4\*900KW natural gas based engines) and 11 KV substation.
- ❖ Preventive & Breakdown Maintenance of PCC & MCC. O & M works of LT Panels, LT cables & cable trays.
- ❖ Planning and budgeting for electrical department.
- ❖ Conceptualization, planning and execution activity for various expansion projects for electrical concern with ensuring compliance to ISO and highest HSE and electrical standards.
- ❖ Overall looking after Utilities (refrigeration, WTP, boiler, Air comp, ETP) operations.
- ❖ Workouts for optimum utilization of grid and CPP power sources.

- ❖ Implementation of energy savings concepts by energy auditor thro' Total Energy Management (TEM).
- ❖ Preventive & Breakdown maintenance of VCBs, ACBs, MCCBs, Motor Starters, Drives, SCADA and EMS.
- ❖ Testing of relays for motor, transformer protection, circuit breaker, CT and PT, Transformer oil, battery, etc.
- ❖ Maintenance & Fault finding in machine control panel.
- ❖ Routine Checking of Earthing pits & Preparation of new as per requirements.
- ❖ Maintaining and Providing of Electrical amenities at industry premises.
- ❖ Supervision & Execution of Internal electrification work allocated to Contractor.
- ❖ Familiar with ERP (Oracle) & SAP-ERP System. Worked with SAP implementation team.
- ❖ Modification of SLD for substation to MCC level.
- ❖ Maintaining EPABX and internal telephone lines.
- ❖ Overall responsibility for AMC/ARC for following materials and work  
Motor Rewinding, Indenting and procuring electrical consumable materials, new internal electrification work & cable laying\Lifts maintenance.

### ***C. Gujarat Fiber Grid Network Limited***

*(22/11/2018 to 18/05/2019)*

***(Government of Gujarat Company)***

***Designation: Manager Project District-Panchmahals***

#### **Key Roles and Responsibilities:**

- Manage and Monitor activities related to Optical fiber cable laying for GPs in Panchmahal District under digital india project Bharatnet Phase II
- Carry out inspection for space and feasibility of OLT in the BSNL Exchanges.
- Carry out work for NOC from R and B state, R and B Panchayat, National Highway, Conservative and Non conservative Forest, Railway, Narmada Canal Division for Project activities in the Panchmahal.
- Recommend novel approaches to solving network and infrastructure problems
- Verify and update project documentation.
- Timely tracking of project progress and update the project documentation.
- Team Handling, Proper Coordination with Management for smooth functioning of project.
- Support in monitoring/ help establish suitable network/ IT infrastructure monitoring system at the State level

### ***D. Gujarat Flurochemicals Ltd***

*(06/07/2018 to 20/11/2018)*

***Designation: Engineer (Maintenance Electrical Engineer)***

***Plant Details: 140 TPD Chloro-Alkali Plant, 125 TPD CMS Petrochemical Plant, 6000 TPA TFE Plant, 5500 TPA, PTFE Plant, 2700 TPA PTPTFE Plant at Dahej, Gujarat, India.***

#### **Key Roles and Responsibilities:**

##### **Operation, Maintenance and Troubleshooting of the Following:**

- ✓ 3.5 MVA, 11/6.6 KV Transformer for HT Motors (Make: Voltamp)
- ✓ 2.5 MVA Transformer 11kv/440v. (Make: Voltamp)
- ✓ 1 nos of 12.2 MVA , 16.2kA/640 volts Rectifier Transformer Make Kori (china)
- ✓ 1 nos of 6.5 MVA 16.2kA/325 volts Rectifier Transformer Hirect (India)
- ✓ Rectifier unit compiling routine checkup LCP, RCP, ACDB, Plate Heat Exchangers, Oil Coolers, DCCT.
- ✓ Polarization Rectifier Panel (Make: Hind rect.)
- ✓ 11KV and 6.6 KV HT Panels.(MAKE :- Siemens ,ABB )
- ✓ PCC,PMCC,MCC (Make: Nitya, Expel , Klixon , Advance )
- ✓ 250 KW HT (6.6KV) Motors (ABB), 350 KW HT (6.6KV) Motors (CG), VFD - 0.37KW TO 350KW (ABB & Siemens), LT Induction Motor Up To 280 KW (Make: Crompton, Alstom, Kirloskar, LHP, and ABB)
- ✓ Lighting transformers of 400 KVA (Make: Voltamp.)
- ✓ 1010 kva Emergency Dg set (Make: CUMMINS.)

**E. Reliance Industries Ltd, Dahej Manufacturing Division.**

*(17/05/2016 to 08/05/2018)*

**Designation: Manager (Maintenance Electrical Engineer)**

**Plant Detail: 90000MT, Cryogenic Ethane Storage Tank, at Dahej, Gujarat, India.**

**Key Roles and Responsibilities:**

- Pre-commissioning, commissioning and start-up activity of "Ethane Cryogenic Plant". Successfully and safely commissioned world largest ETHANE GAS CRYOGENIC PLANT- at Petrochemical complex, Dahej by proper coordination with operation, other maintenance disciplines and construction.
- Erection, testing & commissioning of 12.5 MVA power transformer, 2 MVA distribution transformer. (Schneider Make) & lighting transformer 150 KVA (Raychem RPG).
- Commissioning & testing of 6.6 KV switchgear MV Board and PMCC Boards, MCC Boards, EMCC Boards, MLB Board, MPB Board, MELB Board. (L& T MAKE).
- Pre-commissioning & commissioning of equipment, VCB/ACB breaker (L&T Make,VK10), CT, PT, CBCT, Bus bar, Cables, ABB 615 programmable relay, auxiliary relay (Alstom make), M-comp relay (L&T make), ELR relay.
- Commissioning, testing & Trail run of HT & LT (1160kw, 209kw, 380kw, 290kw).
- Erection, testing & commissioning of DC battery charger Mass-tech make (125Amp), Lighting UPS Hitachi make (50KVA), AC UPS Gutor make (120 KVA/40 KVA), and Battery bank HBL make 300AH/250AH/550AH/1360AH).
- Commissioning, testing and troubleshooting of Flaktwoods/Denco Happel/GEA make Precision Air conditioners (DMAC45 11.15 Ton , DMA092U 21 Ton ), Wall Mounted Precision Air conditioners (DPX-011 1.4 Ton, DPX-007).
- Commissioning and Testing of Cathodic Protection.
- Maintenance activity of EOT (25/5 ton) Cranes and Hoist (5 ton).
- Involved in Maintenance activity of HT & LT motors, Thermography of HT and LT panel Feeders.
- Lighting maintenance activity and Follow all safety standard in maintenance activities maintain tools & tackles ready to use.
- Earth pit testing and earthing integrity, ELCB Testing and maintain records.
- Documentation of PM checklist and breakdown reports of equipment in SAP module on daily basis.
- Working with Pre Start-up & Safety Review (PSSR), Safe Work Practices, Contractor Safety Management and Contractor Field Auditing (CFA), Management of Change (MOC) to implement the Process Safety Management (PSM) in plant.
- Preparing & updating the SMPs (Standard Maintenance Practices) & Hazard Identification and Task Risk Assessment (HITRA), Task Based Risk Assessment (TBRA) sheets for various jobs.

**F. Vishal Electrical Co. Pvt Limited (On Contract: Grasim Industries Limited, Vilayat, Bharuch).**

*(01/07/2013 to 14/05/2016)*

**Designation: Electrical Engineer**

**Key Roles and Responsibilities:**

- Worked in 66 KV Substation as Shift In charge.
- Accountable for maintaining and maximizing reliability & availability of Electrical equipments.
- Planning, scheduling and execution of preventive, corrective maintenances.
- Familiar with Electrical LOTO procedure and Permit system.
- Inventory modeling and preparation of Spare Parts manual (SPM). Follow-up of materials with vendors and inspection of materials.

**EDUCATION**

Degree	Institute	University / Board	Year	Result
Master of Technology (Electrical Power System)	Nirma Institute of Technology	Nirma University	2013	71.7%
Bachelor of Engineering (Electrical)	V.G.E.C, Chandkheda	Gujarat University	2011	74.03% aggr.
Higher Secondary Certificate	The H.B.Kapdia High School	GSHSEB	2007	79.4%
Secondary School Certificate	The H.B.Kapdia High School	GSEB	2005	86.86%

**IT SKILL**

- Office tool: MS word, excel, power point.
- ERP: SAP (PM/MM module).
- ETAP, MATLAB, PSIM, PSPICE, MUTISIM, PSCAD.

**PERSONAL DETAIL**

- ❖ Date of Birth: 02/06/1990
- ❖ Sex: Male
- ❖ Nationality / Religion: Indian / Hindu
- ❖ Marital Status: Married