

BINOD KUMAR CHAUDHARY

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Project & Maintenance Sr. Engineer Electrical & Instrumentation with 11 years of experience in Turnkey Projects, executed various industrial Projects like FMCG, Dairy Milk plant, Food Processing plants.

Electrical Sub-stations: Indoor/Outdoor: SF6 HT Panel, VCB Panel, ACB Panel with CT, PT, Digital Meters, Protection system consisting of Diff. protection, EF & OC relays, Aux Relays, Master trips relay, Transformers with accessories like Conservator tank, Buchholz's relay, PRV, OSR, oil Temp indicator with On Load Tap Changer with RTCC panel with AVR complete, Bus duct, PCC panel with Breakers auto changeover system controlled by PLC's, PDBs, LDBs, APFC, DCDB, UPS, Earthing system, Lighting surge Protection devices, Lighting Arrestor, cables, HT/LT/control/Instrumentation/communication, cable trays, internal & External Lighting, Power, Network.

Project Engineering: Preparation of project plan, project schedule, Drawings, P& ID, Quality plan, Quality audits, Implementation & Monitoring, Reporting-Daily, monthly, Manpower deployment, procurement of materials, Inventory Management, installation Testing & commissioning reports, improving quality of work with high standard procedures, As build drawings, SLD, Reconciliation systems, measurements, Billings, Handover Reports.

Developing & Business Activities: Tendering, Preparation BOM, BOQ, Drawings, terms & condition of contract, technical procedures, floating enquiries, Rate analyzing & comparison, maintaining good relation & positive attitude & modifications of logics as per requirement like 1400KVAR Capacitor Banks to improve Power Factor.

CURRENT COMPANY : PATANJALI AYURVED LTD

Period : Feb 2017 To Till Date.

Designation: Sr. Engineer (Project & Maintenance)

Responsibility:

- Installation, Commissioning and Maintenance of PLC/DCS like ABB, Schneider Electric M340, Siemens Schematic S7 1200, Allen Bradley Micrologix 1400, and AC Drives ABB, Danfoss, Delta, Fuji, Schneider Electric etc. for production plants & Utility, Centralized SCADA System and BMS system.
- Installation, Commissioning and Maintenance of Variable process like Pressure, Flow, Level, Temperature Transmitters, Temperature Elements/scanner like RTD, Thermocouple, switches, Gauges, Pneumatic Control valves, PID controller & PRDS System, Controllers, sensors, Photo cells, Proximity sensors, Limit switches, load cells, weigh scale, 10MT weigh Bridge system.
- Installation, Commissioning and Maintenance of Intercom, Fire Alarm System and CCTV Systems, PTZ camera inside production/process plants & Outdoor area for security purpose and 2*80KVA, 3 phase UPS System (Delta) for IT Systems & workstations, 2*40KVA UPS system (Numeric) for PLC Systems, 5.5KVA Inverter (Emerson) for emergency lights.
- Installation, Commissioning and Maintenance of HT & PCC Room, 33000/433V Transformer 2*5MVA with OLTC with RTCC Panel and 11000/415V, 2*750KVA Transformer & HT Panels with Protection relays make ABB REJ601 & RET 615 and 33KV & 11KV HT Line Switch Yard, 33KV Sub-station, Installation, Commissioning and Maintenance of ACB, VCB, SF6 Breakers upto 2*5000AMPS ACB Breakers, Surge Protection Devices and planning for AC/DC Earthing.

systems & Lighting Arrestor, Cable Trays & LT cable Laying route planning, Cable Trunch for HT & LT cables.

- Installation , Commissioning and Maintenance of 6*1010KVA DG Sets make Cummins with Auto Synchronizing by using Microcontroller PCC3.3 & SCADA System design for Load Management and 4*500CFM Air Compressor make Atlas Copco based upon VSD with synchronization.
- Installation , Commissioning and Maintenance of 5TPH & 15TPH AFBC low pressure & Temperature Boiler 10.5Kg/Cm² & 150deg.cels, 4*300 Tr liquid Ammonia Gas Refrigerant plant make Frick India and 50m³ WTP & 0.5MLD ETP plant by Ion Exchange with SCADA System and Water Pump House, Fire Fighting Pumps, Fire Extinguisher Type ABC.
- Installation , Commissioning and Maintenance of 3*220Tr HVAC System make Voltas in Administrative Block with capacity of 600 staffs.350Tr HVAC system for Power Vita plant and Split/Cassette AC make Voltas, Blue Star,IFB indifferent working stations inside campus.
- Installation, Commissioning & maintenance of PCC Panels ,HT& LT Panels with 2*5000 Amps Parallel ACB Breakers,6300 Amps Bus Coupler ACB Breakers, 2*1400KVAr Capacitor Banks and Power Control Centre for all production/Process plants.
- Installation , Commissioning and Maintenance of 100TPD Roller Mill & 60TPD Chakki Atta Mill & Packaging Machine 2/5/10Kg Chakki Atta Bags & calibration of Metal Detectors, Check Weigher.
- Installation , Commissioning of Mixer and Packaging machines of Cosmetics Products like Hair Oil, Shampoo, Cream, Tooth paste, Bath Soap etc. and Biscuits manufacturing units & packaging machines.
- Schedule & planning for Preventive Maintenance , Corrective Maintenance, Break Down & Shut Down Maintenance and maintaining safety and PPE's .
- Liaison with APDCL, AEGCL & other Govt. agencies for Electrical Engineering related jobs.
- Installation , Commissioning and Maintenance of Electrical switchgears & electrification of Main Administrative Building with capacity of 600 staffs workstations, Fire Fighting Line, Springler
- Installation , Commissioning and Maintenance of 7 MWp, Grid –Connected Solar Photovoltaic Power plant at various Roof Top with KACO/MICROMAX Solar Inverter 50KW/30KW, With SCADA system for Monitoring &Generate Reports on daily basis and NET Metering to Export excess Solar Power.
- Energy & cost saving approx. 16 Lacs/month by using Solar Energy & by using AC Drives for huge electrical equipments like Air Compressors, Chiller, HVAC systems, Drinking water Transfer Pumps, All Street Lights/High Mast lights switching by Timers from Central Control Rooms and maintaining Power Factor 0.99 by using APFC 4 Quadrant relays.

PREVIOUS COMPANY: UMANG DAIRY (JK GROUP),GAJRAULA,UP

Period: Jan 2015 to Jan 2017

Designation: Sr. Engineer (Project & Maintenance)

Responsibility:

- Installation , Commissioning and Maintenance of 15TPH & 10TPH AFBC High Pressure & Temperature with 56kg/cm² & 540deg.cels based Travelling grate Boiler, WTP plant and 2 MW Power Plant , Kessel Steam Turbine , Leroy-Somer Alternator & Electrical & Instrumentation equipments .

- Installation , Commissioning and Maintenance of Schneider Electric PLC & SCADA System, all Types of Instrumentations like Pressure, Flow, Temperature, Level, Switches , Pneumatic control valves, solenoid valves, Butterfly valves & PRDS System.
- Installation , Commissioning and Maintenance of AC Drives ABB, Allen Bradely, 10KVA UPS & 2*150CFM Air Compressor make CP, Street lights, High mast lights & all electrifications indoor & outdoor.
- Maintenance of all Electrical & Instrumentation equipments Like HT,LT Panels ,ACB,VCB Breakers, Motors, Relays, MCCB, MCB,UPS, OLR,SPD ,Sensors, Proximity switches, Limit Switches, Solenoid valves, Butterfly valves, PRDS system, Pneumatic control valves.
- Installation , Commissioning and Maintenance of Switch yards, PCC Rooms, HT/LT Panels.

PREVIOUS COMPANY: INTERNATIONAL MEGA FOOD PARK LIMITED, FAZILKA, PUNJAB

PERIOD: Oct 2008 To Dec 2014

Designation: Engineer (Project & Maintenance)

Responsibility:

- Installation , Commissioning and Maintenance of FMCG Process plant & Milk products Brand Name Novello like Paneer cutting machine, Desi Ghee, Dahee , chuch packaging ,Skimmed milk Powder ,pasteurized milk packaging machine based upon fully Automation and 1200Tr Liquid Ammonia refrigerant plant with SCADA System.
- Installation , Commissioning and Maintenance of all Electrical & Instrumentation equipments used in Tomato Sauce Plant & Tropicana Juice plant .
- Installation , Commissioning and Maintenance and calibration for lab equipments like Muffle Furnace , PH ,conductivity, TDS meters ,Spectrophotometer ,weigh scales ,Viscometer ,Turbidity Meter ,15Ton Weigh Bridge etc.
- Installation , Commissioning and Maintenance of 25TPH AFBC High Pressure & temperature 62Kg/cm², 560deg.cels Travelling grate Boiler and 4 MW Turbine Max watt with 505Governor,10M³ WTP & RO plant.
- Installation , Commissioning and Maintenance of 2.5MVA transformers , Switch yard ,ACB,VCB,SF6 Breakers and all Electrical& instrumentation equipments .
- Installation , Commissioning and Maintenance of 3*150CFM Air compressure and 3*750KVA DG sets make CAT.
- Installation , Commissioning and Maintenance of PCC Panel rooms ,LT & HT Rooms for Incoming & outgoings supply.
- Installation , Commissioning and Maintenance of cold storages Rooms for Dairy & other products.

EDUCATIONAL QUALIFICATION

B.E. From Sapthagiri College of Engineering, Bangalore in 2008.

Visvesvaraya Technological University (VTU),Belgaum, Karnataka

Specialization: - Electronics & Communications.

CCNA Certified from NIIT- Bangalore in 2008 .

High School from Nepal Board

PERSONAL DETAILS

Father's Name: Ram Chandra Prasad Chaudhary

DOB : 26 MAY 1981

Nationality : Indian

Language Known: English, Hindi

Marital Status : Married

Permanent Address: Siddharathanagar-12, Nautanwa , Maharajganj, Uttar Pradesh-273164