

## ELECTRICAL ENGR – 2009 ASSISTANT MANAGER

REF NO: 0009 VSP

QUALIFICATION: Bachelor's Degree in Electrical Engineering -2009

EXP : 06 YEARS

INDUSTRIES : POWER PLANT

JOB SPECIFICATION :

1. Erection and commissioning of HT/ LT Switchgears of SF6 type, VCBs, ACBs and MCCBs feeders of MCCs/ PCCs, and DC systems (Handled HV-132KV; 11KV of ABB, SIEMENS, SCHENIDER make)
2. Erection process includes physical checking of all installed loosed materials like CTs, PTs, meters, relays, internal control wiring, Power and Control Bus tightness as per GA and SLD.
3. Commissioning process includes Scheme and control check of individual feeders, Polarity check ,ratio , Secondary injection of CT/ PTs and Knee point test ( only PS Class core), Simulation of relays for alarm and trip, Change over with bus couplers as per logic and wiring drawing including the grounding system and throwing the circuit with all considered/ designed protection philosophy.
4. Erection and commissioning of all Power/ Distribution Transformers and Bus ducts (Handled Transformer of Max. 45MVA/ 132KV Volt amp make; Bus-duct NSPBD, SPBD and cast resin type of Max. 3000A/ 11KV).
5. Erection process includes physical checking of all installed loosed materials like CTs, PTs, meters, relays, internal control wiring, Insulators, radiators, Marshalling cabinet, OLTC, Oil tank, MOG, Connecting Bus-ducts inside conductor bus tightness with insulator as per GA and SLD.
6. Commissioning process includes conducting tests like Ratio test, Magnetic balance test, Vector group test, RTCC & OLTC scheme check, Winding resistance test, Insulation resistance test, contact resistance test, relay simulation fault analysis with the REF and Differential CTs of transformer; Contact resistance test and Hi-Pot test of Bus-bars.
7. Erection and commissioning of all HT/ LT motors and Cable lying with respect to the load details and respective cable schedule. (Handled HT motor of Max. 2.5MW of 11KV; Cables max. EHV-132KV oil cooled termination earth type, HV-11KV UN earth type).
8. Erection process includes physical checking of motors termination with link plates, Star connection, Motor space heater and proper double earthing with LPBS mounting.
9. Commissioning process includes conducting winding resistance, Insulation resistance test and testing of CTs in HT Motors for differential protection and, Space heater testing, coupled and de-coupled/ no load test through LPBS and DCS after the functional check.
10. Commissioning of Actuators/ MOVs includes limit setting.
11. Laying and Commissioning of cable includes Hi-Pot test for leakage current test of HT cables, Insulation resistance, Gland grounding through Zero CT/ CBCTs.
12. Erection, testing and commissioning of Turbine coupled Generator with Excitation system. (Handled Alternator at the max. of 43.5MVA, 11KV, 35MW, 50HZ and Excitation like Brushless AC excitation system Preparing single line diagrams of electrical layouts, design calculations, load flow & short circuit analysis, Islanding Scheme finalization, System fault level calculation for the site based extra engineering changes.

PLACE: Dhenkanal, Odisha

## Electronics & Instrumentation Engineer

REF NO : 0011 VSP

QUALIFICATION: B.TECH Electronics & Instrumentation engineer

EXP: 6 YEARS

INDUSTRIES : Automation software like PLC, HMI & SCADA

### JOB DESCRIPTION :

- ? Finding the instrumentation, Electrical Equipments root causing for shutdown.
  - ? Raising the project maintenance orders for the works in shutdown.
  - ? Planning the shutdown works and make it complete in shutdown.
  - ? Troubleshooting the hardware communication from filed elements to DCS.
  - ? Calibrating & Controlling the Instrumentation Devices (Sensors, Solenoid Valves, control valves, positioners, Analyzers & Transmitters) in the continuous process plant.
  - ? Issuing permit to work after total confirmation about hazards in work and make the place safety to work.
  - ? Operating & Trouble shooting programming of DCS.
  - ? Troubleshooting the hardware communication from filed elements to DCS.
  - ? Instrumentation engineer (Shift In-charge)
  - ? Calibrating & Controlling the Instrumentation Devices (Sensors, Solenoid Valves, control valves, positioners & Transmitters) in the continuous process plant.
  - ? Maintenance of instrumentation devices as per processing department requirement.
  - ? Preparing daily reports using SAP software, following and preparing documents as per ISO 9001.
  - ? Operating the process through Control room according to process people requirements.
  - ? Calibrating & Controlling the Instrumentation Devices (Sensors, Solenoid Valves & Transmitters) in the continuous process plant.
  - ? Coordinating & monitoring subordinates of both instrumentation & Automation.
  - ? PLC Programming (RS Logix500) and SCADA designing ( Factory Talkview ).
  - ? Operating & Trouble shooting programming of PLC.
  - ? Troubleshooting the hardware communication from filed elements to PLC.
  - ? Calibrating & Controlling the Instrumentation devices sensors like float type level sensors, Temperature detectors in Textiles Machines.
  - ? Developing a PLC programming for color kitchen machine using Delta plc
  - ? Developing HMI programming to enable visual display control of the machine using Schneider HMI.
  - ? Installation and commissioning of 1642 & 1662 MUX
  - ? Coordinating the subordinates in installation process
- Software Knowledge:
- ? Wonder wares in touch 7.1, 8.0 & 9.0. (SCADA S/ W)
  - AC31 Graf and CP Programmer for ABB PLC Family
  - Step7 Microwin 32 for S7-200 Hardware Family.
  - Melsec GX Developer for Mitsubishi Hardware Family
  - Rs Logix 5000, Rs Linx for Allen Bradley Hardware Family
  - WPL Soft for Delta PLC Family.
- AREA : VISAKHAPATNAM, AP.

## ELECTRONIC & INSTRUMENT ENGINEER

REF NO: 0013 VSP

QUALIFICATION: B.TECH ELECTRONIC & INSTRUMENT ENGINEER

EXP: 9+ YEARS

INDUSTRIES : Power Sector

- ? Erection and commissioning of Electrical, Electronics and Instrumentation projects and maintenance, Operations.
- ? Anchoring on-site installation & commissioning activities to ensure completion of project within the time & cost parameters and effective resource utilization to maximize the output.
- ? Monitoring projects with respect to cost, resource deployment, time over-runs, quality compliance and manpower planning to ensure timely execution of Projects.
- ? Carrying out overhauling work of equipment, modifications and major repairs to improve equipment efficiency by fault-finding and conducting performance trials of engineering equipment
- ? Performing tests & inspection to ensure Operational effectiveness of plant & utilities.
- ? Minimizing performance bottlenecks for high productivity with maximization of men, material, cost and machines as well as dealing with other departments & divisions for related activities in the plant.
- ? Conceptualizing & implementing maintenance schedules and carrying out periodic checks to ensure performance and maintaining requisite documents for the same.
- ? Prepared HT Schemes for 6.6 K.V HT Motors.
- ? Planning and effective predictive & preventive maintenance schedules for various electrical equipment to increase machine uptime & equipment reliability.
- ? Identifying areas of bottlenecks/ breakdowns and taking steps to rectify through application of troubleshooting tools like root cause analysis.
- ? Played major role in programming of different VFDs etc. And Effective utilization of resources.
- ? Had installed material Handling equipment and with its safety instruments.
- ? Assembling and testing of Electrical and electronics equipment and Instruments
- ? Installed and commissioned Siemens smart (simocode) PMCC's and MCC's
- ? Installed and Commissioned EOT & MONO Rail cranes
- ? Project Progress Review and identification of missing items at site
- ? Installed and commissioned all types of Dampers
- ? Installed and Commissioned LT Motors with Dol and Star delta Starters
- ? Prepared Conveyor Protection Schemes
- ? Planned and utilized manpower at the optimum rate.
- ? Calibration of All C&I Equipment's.
- ? Co-ordination & Execution of Major Maintenance works, shutdown works, calibration, drop test of all weighing system, and Troubleshooting works.
- ? Co-ordination & Execution of Preventive maintenance, Breakdown maintenance, Predictive maintenance
- ? Knowledge of critical spares requirements at site & action plan to maintain the critical stock at all time at site.
- ? Knowledge on trouble of PLC/ SCADA hardware and software part.
- ? Preparation & Implementation of Dos & Don'ts for all control & instrumentation equipment.
- ? Maintaining of all OEM manual PLC/ SCADA software, P&ID data sheet & hardware wiring diagram at site.

- ? Having Knowledge about P&ID, control logic, O&M manuals, circuit diagrams.
  - ? Detailed Electrical and Instrumentation Automation Engineering for the 1.2MTPA Pellet plant
  - ? Inspection of materials concerned to Electrical and Instrumentation as well as Mechanical
  - ? Erection of field instruments as per P&ID
  - ? Developed cable termination schemes which involved ferruling details for control & signal cables, Junction box details, and locations as per site conditions
  - ? Loop Testing simulation & checking of logics to suit control applications
  - ? Installed and commissioned VFD's and Soft Starters of ABB, Siemens, Schneider, L&T, Telemechaniqu make and established its communication with PLC
  - ? Finalizing Logic Interlocks and HMI upon Co-ordination with Process Department
  - ? Commissioning of Intelligent MCC's with its intelligent relays
  - ? Installed and commissioned Moisture Analyzer and established communication with plc.
  - ? Installed and commissioned Honeywell's E&H's Temperature controllers and Pressure Transmitters Flow meters etc.
  - ? Installation of Transweigh, Schenk, Sartorius make Electronic weigh feeders, Beltweighers, Bin weighing System, Screw weighing system
  - ? Incorporated the Control Valves and Shut-off valves to regulate the temperatures and control the process of heat up.
- Area : BARHAMPUR, AP.

## Electronics & Instrumentation Engineer

REF NO : 0015 VSP

QUALIFICATION: B.TECH ELECTRICAL & ELECTRONIC ENGINEER

EXP: 9 YEARS

INDUSTRIES : POWER PLANT (Wind Power / Hydro Electric Project)

JOB DESCRIPTION :

- ? Astute and result oriented professional with experience of over 9 years across Project Management, Contracts & maintenance, Installation, Erection, Commissioning, Troubleshooting and Site Supervision; currently spearheading as Sr. Engineer with Regen Powertech Pvt Ltd.
- ? Proficient in project engineering, planning, Installation, Erection, Testing, Commissioning, Troubleshooting, scheduling, implementation & quality management of Electrical Projects; experienced in handling operation & maintenance of Switch Boards, Inverters, transformers, motors, etc also, deft in calculation of Load distribution
- ? Proven expertise in implementation of planned, preventive & predictive maintenance practices to optimize machines availability with constant endeavors to realize ZERO downtime.
- ? Adept at designing & implementing quality systems and procedures to ensure strict adherence to quality parameters; recognized as a proactive individual who can

rapidly identify critical technical problems, carrying out root-cause analysis and formulate tactical plans

? Focused and hardworking professional equipped with thorough knowledge and technical understanding coupled with an analytic bent of mind and confident to take challenging assignments.

AREA : EAST GODAVARI, AP.

## ELECTRONIC & INSTRUMENT ENGINEER

REF NO : 0037 VSP

QUALIFICATION: B.TECH IN ELECTRONIC & INSTRUMENT ENGINEERING

EXP.: 7.5 YEARS

INDUSTRIES : Steel Industry

JOB PROFILE :

? Erection & commissioning of various projects of a continuous process industry ( Cold Rolling, Galvanizing & tube mill industries) having it's all utilities.

? Expertise in effectively executing & monitoring the maintenance activities.

? Analysis & Problem Solving as per Operational Requirement.

? Planning & Execution of Preventive maintenance

? Management for Breakdown controlling as well as up time improvements.

? Management for cost controlling, energy saving projects & Inventory controlling.

## Technical Preview

? PLC: Operational knowledge of Siemens (S7 300, S7200),L&T YASHKAWA U-84,ABB AC 800M,AC 800 PEC,PM585,AC500,GE Fanuc (90-30),etc.

? Drives: knowledge of Siemens ( Sinamics S120), ABB (DCS 800, DCS 500, ACS 550, ACS 800), L&T (4P MIDPACK,ACEROG,LNTOR),SSD 590+ ,GEMCO , MITSUBISHI, OMRON and card level knowledge of Analogue DC drive's cards/ circuits..

? HMI/SCADA: Operational knowledge of Win CC, Wonder Ware, with their various communication protocols.

? Process Field Instruments: Installation of process of RTDs, PT100, T/ C, Level Sensor, Flow Sensor, Pressure Switch, Proximity Switch, Seq. Timer, Displacement Transducer temperature controllers, level controllers, Non Contacting (Thermofisher, ECIL) X-Rays / Gama Rays & contacting type(Vollmer) thickness measurement Gauge, EMG make EPC & CPC systems etc.

? Computer Skill: Assembling PCs, Hardware & Software Installation with Operating System & various operation of software & their trouble shootings.

AREA : Angul, ODISHA

REF NO : 0054 VSP

QUALIFICATION: Advanced Masters in Global Management Program 2010-2012

Bachelor of Technology (Electronics)

EXP.: 19 YEARS

INDUSTRIES : HR Services, Employee Engagement

JOB PROFILE :

- ? Engage and collaborate with top management to design HR strategy, manage budgets and annual goals with measurable objectives.
- ? Conceptualize analytical techniques for HR problems, process improvements to create a sustainable HR and business strategy basis the market / client requirement.
- ? Ensuring execution of strategy in conjunction with monitoring cost, service efficiency and team productivity at optimal level
- ? Networking with global stakeholders, including designing appropriate engagement frameworks to facilitate functioning as a global team
- ? Managing people development viz. resource planning, recruitment, training, talent retention and career planning in diverse, remote and multicultural teams
- ? Developing and presenting business cases and deal structures to create profitable, long term partnerships
- ? Consistent and proven record of regularly surpassing the business targets.

Area : Kanpur, UP

Application / Software / Automation Engineer

REF NO : 0062 VSP

QUALIFICATION: B.E. Instrumentation & Electronic 2008

EXP.: 08 YEARS

INDUSTRIES: Application / Software / Automation Engineer

JOB PROFILE:

Application Engineer:

- a) Providing technical and diagnostic support for the following technologies:
  - ? AUTODESK ( AUTOCAD , INVENTOR , NAVISWORK ) ,
  - ? AVEVA ( PDMS ) , TEKLA ,
  - ? BENTLEY ( AUTOPLANT PIPING , PROSTEEL , EQUIPMENT , STAADPRO ) ,
  - ? INTERGRAPH ( CADWORX, CAESAR II ) ,
  - ? SQL SERVER & MS-ACCESS DATABASE, CRYSTAL REPORT ( MTO, BOM etc ) ,
  - ? BASIC LAN/ WAN CONNECTIVITY
- b) Managing service requests, Installation, Licenses server configuration, troubleshooting of standard/ engineering software packages, new computer setups, Upgrades, Maintenance etc.
- c) Assist with testing and deployment of new functionality, interoperability/ compatibility in between the software.
- d) Participate in the software error correction and upgrade of the applications as needed.
- e) Conduct training for end users of the software, Operating system, Hardware and network support.
- f) IT Helpdesk - Key user of this India office, Daily update to Netherlands head-office.
- g) Also Responsible for various other admin , QMS , technical and management duties as assigned.

Application Engineer / Software Engineer / Project Engineer :

Responsibilities :

- a) Installation of Uniformance PHD Server & Client application on Windows 7 / Server.

- b) Configuring DCS / PLC output to PC by PHD(SCADA) software , which keeps/ gives information about process , history and database of various input and output parameter.
- c) Project requirement analysis , Functional design , & Implementation.
- d) Implementing dot net project and Sql Database at site.
- e) Linking and Navigating Dot net project and Crystal Reports with Honeywell Graphics in Business Flex Software.
- f) Testing , Commissioning , Troubleshooting and Technical Support.
- g) Modified applications according to the user's requirements.

Environment: P.H.D. v300 , Visual Studio.Net 2008 , Visual Basic 6.0 , SQL Server 2008 , Oracle v8,9,10 , etc

Area : Pune, Maharashtra

REF NO: 0301 VSP

QUALIFICATION: B. Tech. (EEE)

- ? JOB SPECIFICATION: Periodical maintenance and operation of 132KV outdoor substation.
- ? Maintenance of 132KV/ 6.6KV, 15/ 18MVA oil filled, air cooled power transformer with On load tap changer.
- ? Erection and commissioning of 132KV/ 11KV power transformer, its auxiliary equipment CT, PT,(for protection & Measuring) Zinc oxide LA's, 800A Isolators with earth switch, for 132kv receiving substation.
- ? 25/ 31.5MVA, 132kv/ 11kv transformer erection and commissioning its feeder control wiring trouble shooting for 30MW Captive power plant
- ? 15MVA, 35MV 132kv/ 6.6kv power transformers control wiring trouble shooting, attending breakdown during fault and root cause analysis.

PLACE: Kakinada-533005, Andhra pradesh-INDIA

QUALIFICATION: B. Tech. (EEE)

- ? JOB SPECIFICATION: Periodical maintenance and operation of 132KV outdoor substation.
- ? Maintenance of 132KV/ 6.6KV, 15/ 18MVA oil filled, air cooled power transformer with On load tap changer.
- ? Erection and commissioning of 132KV/ 11KV power transformer, its auxiliary equipment CT, PT,(for protection & Measuring) Zinc oxide LA's, 800A Isolators with earth switch, for 132kv receiving substation.
- ? 25/ 31.5MVA, 132kv/ 11kv transformer erection and commissioning its feeder control wiring trouble shooting for 30MW Captive power plant
- ? 15MVA, 35MV 132kv/ 6.6kv power transformers control wiring trouble shooting, attending breakdown during fault and root cause analysis.

PLACE: Kakinada-533005, Andhra pradesh-INDIA

VSP REF NO: 0344

ELECTRICAL ENGINEER

QUALIFICATION: B. Tech. (EEE)

EXP: 8 Years

**JOB SPECIFICATION:** Periodical maintenance and operation of 132KV outdoor substation.

? Maintenance of 132KV/ 6.6KV, 15/ 18MVA oil filled, air cooled power transformer with On load tap changer.

? Erection and commissioning of 132KV/ 11KV power transformer, its auxiliary equipment CT, PT,(for protection & Measuring) Zinc oxide LA's, 800A Isolators with earth switch, for 132kv receiving substation.

? 25/ 31.5MVA, 132kv/ 11kv transformer erection and commissioning its feeder control wiring trouble shooti for 30MW Captive power plant

? 15MVA, 35MV 132kv/ 6.6kv power transformers control wiring trouble shooting, attending breakdown during fault and root cause analysis.

PLACE: Kakinada-533005, Andhrapradesh-INDIA