

RESUME

OMPRAKASH SINGH

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Professional snapshot

To obtain a technical position in a progressive organization that will challenge my abilities and provide me with an opportunity to grow and contribute to the overall success of the organization. Seeking challenging assignments with some growing organisation where I can devote myself for long-term and grow higher within organisation with my best performances. *Excellent analytical, troubleshooting and interpersonal skills with proven ability in driving numerous quality enhancement, process improvement and cost savings initiatives during the career span.* Seeking a successful career in a growth oriented organization, which fully utilizes my zeal and commitment towards my work and gives me competitive atmosphere to check my enthusiasm and expertise and finally result in my self-development

Strengths and achievements

- Presented paper on Zigbee Technology at IIT, ISM, Dhanbad.
- Hardworking, dedicated and enthusiastic in taking new challenges
- Participated in various social drives
- Capability to work in extreme condition.
- Hardworking and group leading capabilities.
- Grasping power is strong .

Educational Credentials

- **B.TECH.** in Electronics & Instrumentation from Gandhi Institute of Engg & Technology, Gunupur, affiliated to **BPUT, Rourkela, Orissa** (2004 – 2008) with **CGPA 7.0**.
- **Intermediate** from Board of Intermediate, Bihar with 49% in 1998 .
- **SSC** from Board of Secondary Education, Bihar with 59% in 1996 .

Technical Proficiency

Programming Languages : C, DBMS concepts, ms-excel

Other Skill : Programmable Logic Circuit (PLC), DCS., scada.
 Operating systems : Windows (98/2000, XP), MS-DOS, MS- word, power -point
 Othersubjects : Industrial Electrical, electronics & instrumentation subjects, computer networks.

Academic Projects & Trainings

1. Project Title : Automation of Bottling Plant Using PLC.

Name of the Company : Central Tool Room Training Centre, Bhubaneswar.

Platform : PLC.

Role : Team leader

Team Size : 6 .

DESCRIPTION:

The objective of this project is to automate the process involved in molding works. As all the processes can be governed by the programmed logic circuit which can be changed as per user requirement. PLC was designed to control the mixing of materials at specified temperature to ensure safe functioning of equipment.

2. Workshop and related project on VLSI and 16 bit Microprocessor.

3. Industrial Training and project in Durgapur Steel Plant (DSP , SAIL), Durgapur,(W.B.).

4. Bharat Sanchar Nigam Limited(BSNL), Patna in the Deptt of Internet and Mobile Section.

Work Experience

1. Worked as A.M. electrical & Instrumentation QA/QC , INSPECTION /AUDITS at E&I deptt. in power plant (100mw) and paper machine QA/QC department in paper industry Rama News Print & Paper Ltd(RNPL) ,Surat .since 1st SEPT. 2007 to 1st Feb. 2010. An unique company in India which makes paper product by recycling older and unused paper material and has drawn accolades for eco-friendly paper production capacity. I was maintained all fields electrical & instruments like-- generator, panels ,drives ,motors ,transformer ,control valves, transmitters, gauges, Rtd, thermocouple ,controllers, PLC & DCS. Also worked in inspection & project (Erection & Comm.) in expansion of power plant. Perform QA/QC Inspection activities of the project through the implementation of Project Quality Plan, QCPs, Client Standard applicable standards and specifications. Involved in all electrical & instrumentation installation and ensure that all works are in compliance of IFC drawing , P&ID and applicable standard and specifications.

- Proficiencies in managing maintenance of all types of industrial field instruments like Transmitters(Flow/Pressure/Temperature/Level/Density etc)
Gauges(Pressure/Level/Temperature), Control Valves, Safety Valves etc. Effective knowledge in both HART and FF type instruments.
- Installation and commissioning of Various control systems including DCS(Invensys), ESD (Triconex), PLC (Allen Bradley, Siemens, Schneider electric) and Microcontroller based systems like building smoke detection system, clean agent system etc.
- Planning and supervising of control cable and power cable lying and installation for instruments, PLC, Panels and Jointer Box . generator .

- Worked for incoming quality of raw material. Checking and maintaining raw material quality as per IS Standards & Supplier TC. Contact with supplier related to raw material quality problems and rejection of raw material
- Worked for inprocess quality for maintaining consistencies in processes and require less rework and non- conformities.
- Time to time Calibration of all Measuring & Monitoring Equipment's & maintaining records related Audits.
- ☐ Observation and participate in preventive, corrective and troubleshooting maintenance,
- and testing of all plant instrument & control systems equipment
- ☐ Instrument calibration (HART TYPE PT,FT,VARIOUS TYPE OF LT,CONTROLE VALVE ,ON/OFF VALVE,FF TYPE ALL TRANSMITTER ,MOV ,SWITCHES)
- ☐ Loop checking of vendor package& field instrument (FF,HART)
- ☐ Instrument installation (PT,FT,LT,TT,TI,PI,LG)
- ☐ Torque and limit setting MOV with communication fiedbus.
- ☐ Cable laying for vendor package
- ☐ Troblelshoot of vendor package& field instrument (FF,HART)
- ☐ Involve in commissioning withvendor of compressoor (LGC-SIMENS& RGC-BHEL ,PROPEN REFRIGERANT COMPRESSOR,EXPENDOR ATLAS COPCO)

2. Total experience -----12 yrs & current CTC-----9.0 lacs per annum .

3. Area of exposure --- Project Management /Site Management ., Materials Management & Control Quality Inspection Management ,Quality-Control, Inspection&Expediting(TPI),Quality assurance and Inspection, testing and certification(TPI), VENDOR-INSPECTION, SAT,FAT, AUDITS,SURVILLANCE AND EXPEDITING , ASSESMENT ..

- 4. Worked (from 1st. mar,10 to 1st.sept,12) & (from 10th oct. , 2016 to 20 nov. , 2017) as **MNGR. (E&I , INSPECTION,QA,QC,AUDITS) in QA/QC deptt. In Cryogenic Nitrogen Generation plant and utility department (99MW) at Bharat oman refinery limited, (BORL , BPCL),BINA , MP.** I was maintained all field instruments, transmitters ,gauge ,electrical panels ,drives , motors ,dcs , transformer , generator ,instrument -panel and operation of plant & also worked in inspection & project of plant. Perform QA/QC Inspection activities of the project through the implementation of Project Quality Plan, QCPs, Client Standard applicable standards and specifications. The QA/QC inspection coverage mainly includes electrical & INSTRUMENTATION works such Erection, Pre-commissioning & Commissioning of 400kV/220kV switchyards, Rectifier &Regulating transformers, Motors,MCC, switchgears, Breakers, Relays, CT, PT/CVT, Isolator, cabling/wiring of power & instrumentation cables, Earthing systems, Lightning, electrical panel boards, electrical control panels, power & lighting system, junction boxes, battery charger & UPS system, Cable trays ., generator .
- Coordinating with Clients and Consultants regarding Quotations, Project requirement, Management and Execution. Calibration of flow meters (Orifice plate, turbine, ultrasonic etc.) Calibration/Installation/loop checking/Commissioning of Hart & FF type Instruments (TT/PT/PDT/FT/PG/LG/LT).
- ☐ The Instrument & Control installations in the Site include Integrated Control Systems (ICS), Distributive Control Systems (DCS), Emergency Shutdown Systems (IPS),), Advanced process control (APC), Control Monitoring system. Other management devices include Control and Protection of turbine control system (TCS), Anti-Surge system
- ☐ The role of the Instrument & Control Supervisor is to supervise and participate in preventive, corrective and troubleshooting maintenance, and testing of all plant instrument & control systems equipment
- ☐ Reviewing instrumentation scope of work, drawings and executing the construction and maintenance activities in line with the project specification and standards.
- ☐ Supervision of Installation, Termination & Testing of field instruments, conduits, cable trays and tubing for instruments.
- ☐ Involved in installation, Calibration of instruments such as transmitters, pressure switches, level switches, control valves, temperature sensor, fire and gas detector, mass flow meters, radar tank gauging,
- ☐ Co-ordination of Installation and pre-commissioning of various equipment and monitoring

- systems.
- ☐ Associated with Loop Checking, Testing/Pre-commissioning activities of all types of instruments.
- ☐ Prepare request for inspection to client for inspections and acceptance of installations and Testing.
- ☐ Coordinate Quality procedures to construction department, Project management and client
- Inspectors and Corrective actions for client inspection comments/punch list.
- ☐ Responsible for clearing the Technical Query's with consulting client engineers and design department
- ☐ Associated with preparation and checking following types of drawings, Hook-up drawings for field instruments, Instrument Location & Cable Routing diagram, Instrument duct/Trench layouts, Cable Routing Layout, Cable Tray Layout, Control Room Layout and cable schedule.
- All site instrumentation installation, cable duct laying, cable laying .
- PLC & DCS panel installation , analyser shelter erection .
- P&ID and ESD system verification.
- All alarms, safety interlocks check.
- Loop and logic check.
- Ensure worker as well as plant **safety** by applying various safety procedures as this unit handles **cryogenic** materials like oxygen, nitrogen and highly flammable hydrocarbons and toxic byproducts.
- Formats raise and site closer activity
- Worked for incoming quality of raw material. Checking and maintaining raw material quality as per IS Standards & Supplier TC. Contact with supplier related to raw material quality problems and rejection of raw material
- Worked for inprocess quality for maintaining consistencies in processes and require less rework and non- conformities.
- Time to time Calibration of all Measuring & Monitoring Equipment's & maintaining records related Audits.
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- 5. WORKED (from 10 sept. 12 to 30 sept. 16) as SR. **SURVEYOR—I (INSPECTION ENGINEER) in CEIL (SUBSIDIARY OF EIL , GOVT. OF INDIA) in ELECTRICAL & INSTRUMENTATION DEPTT.** For Third Party Inspection (TPI),VENDOR- INSPECTION, SAT , FAT .SURVELLENCE AND EXPEDITING , ASSESMENT,AUDITS of high end technology equipment for onshore and offshore oil & gas facilities . Stage wise and final inspections of Independent Inspection for all Industrial establishments ,specially Power, Process, Oil & Gas segments . all fields instruments like control valves, transmitters, gauges, Rtd, thermocouple ,controllers, PLC & DCS, Pumps, Motors, generator,Transformers, generator,Starter panels, shutdown panels,cables, Electrical Installation & Equipment Inspection , Lifts, Elevators & Escalators Inspection , Fire Systems Safety Audits , Electrical Systems Safety Audits , Tower Crane Inspections., Shop Inspection, Expediting , Pressure Equipment Certification services (PED, ASME, local schemes) , Quality Site Inspection , In- Service Inspection & Verification ,for various clients such as IOCL, **ONGC, HPCL , BPCL, GAIL (Oil, Gas, POWER & Petroleum industries)** strictly as per Approved work-order copy, technical data - sheet , BOM , MR, PR , PO , Job Procedures & Approved Quality Assurance Plan / Inspection Test Plan (QAP/ITP/MQP), Clients specifications / requirements, approved - drawings and relevant Codes & Standards, Inspections at Vendor's premises , Inspection & QA / QC at projects , In-process inspection in manufacturing units for TPI /AUDITS .
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- Witnessing of Calibration & testing of Pressure safety valves (PSV) at ONGC platforms.
 - Worked as TPI/AUDITS of retail-outlets(petrol-pumps)—automation projects at bihar, Jharkhand, WB & orissa of iocl, hpcl & bpcl which is under ministry of petroleum & natural gas. and, also do TPI of all petrol-pumps for quality, quantity & safety over all as per govt. norms.
 - Worked as TPI/AUDITS of AL-DOME ROOF PROJECT OF PETROL TANKS AT IOCL, HPCL & BPCL TERMINALS in different locations of India.
 - *Taking stringent quality measures including preparation / maintenance of necessary documents and conducting audits to ensure compliance with standards.*
 - *Familiarization & understanding of industry code practices—ISA, NAMUR, ASMI, NEC, NEMA, IEEE, IEC, NFPA, ANSI, ASTM, NETA, IE -RULES-1956 AND awareness of ISO 9001 & 2001 AND other applicable international standards , IS & IEC .*
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 - Inspection of 33/11 KV Substation (New & Augmentation), Distribution Transformer

Substation and identifying the Critical, Major and minor defects as per the scope of work, SBD and as per REC guidelines. Pre dispatch Material Inspection (RQM & Departmental) of Power Transformer, Distribution Transformer, Meters, Panels, Conductors (Weasel, rabbit, zebra, panther, wolf, coyote, moose, etc), XLPE & PVC Cables, Control cables, Polymeric & Porcelain type Insulators, Stay & GI Wire, Isolators, Poles, and other electrical material hardware & Structures.

- Third party inspections for boards for electrical products and switchgears at manufacturing premises by testing and verification to demonstrate product safety and quality. Also preparing inspection reports and submitting it to boards for conformity assessment of products.
- Performed Routine tests, Type Tests & Special Tests of Oil type and Dry type transformers as per IS 1180, IS 2026, IS 11171 & IEC 60076 and Preparation of Test reports
- Performed Lightning Impulse test up to 33 kV class, 300kVp 15kJ Generator system for testing of Transformers, CT/PT & Units, Panels, Circuit Breakers, Vacuum Interrupters.
- Handled Customers for testing of electrical products in Distribution transformer department, High voltage and Impulse voltage testing department & CT/PT testing department
- Performed Transformer Oil testing -Dissolved Gas Analysis Test as per IS 10593, Physical properties tests of Oil as per IS 1866 and preparation of test reports
- Maintaining required documents and quality work to handle Internal Audits, BIS Audit & NABL Audit.
- Worked for incoming quality of raw material. Checking and maintaining raw material quality as per IS Standards & Supplier TC. Contact with supplier related to raw material quality problems and rejection of raw material
- Worked for inprocess quality for maintaining consistencies in processes and require less rework and non-conformities.
- Time to time Calibration of all Measuring & Monitoring Equipment's & maintaining records related Audits.
- **Inspection Engineer for Third Party Inspection/AUDITS of Rural Electrification works under RGGVY/DDUGJY/REC/ SAUBHAGYA YOJNA/DVC/BSEB/ MVVNL/ PMA/RQM/NQM/SBPDCL/NBPDCL/ WBSETCL.**

6. Presently, working from 25 nov., 17 as **Sr. Surveyor (Inspection mngr.) in BUREAU VERITAS INDIA LTD. (Industry deptt.) in ELECTRICAL & INSTRUMENTATION DEPTT.** For Third Party Inspection (TPI) INSPECTION, SAT, FAT, AUDITS, SURVEILLANCE AND EXPEDITING, ASSESSMENT, Vendor Inspection of high end technology equipment for onshore and offshore oil & gas facilities **IN IOCL, PARADIP REFINERY EXPANSION PROJECTS** as TPI of GENERATOR, INSTRUMENT CABLE TRAY/DUCT, JUNCTION BOX /FRAME INSTALLATION, Branch / main / FO/EARTHING Cable, HDPE Conduit, Main Cable (SRR & JB Side), Branch Cable (Transmitter & JB Side), CANOPY FABRICATION, BASE FRAME/ JB FRAME FABRICATION WORKS - CHANNEL and ANGLE STEEL, INSTRUMENT STANCHION, Impulse fabrication/ERECTION,

- Impulse Erection, Steam Tracing, GI PIPE, Tubing of valve, NDT(DP TEST, RADIOGRAPHY, PWHT, PMI), HYDRO TEST, Air line Leak Test(Header Wise), Transmitter, temperature/pressure gauge, Control Valve Stock Checking, Instrument installation, DCS & PLC SYSTEM, LOOP CHECKING AND TESTING, TELECOM, LAN, TETRA, PAGA, SIREN SYSTEMS, FDAS, Cable Laying, Conduit for FDAS & Telecom, Detector / instruments panels Installation, Calibration of Instrumentation, Temperature/ pressure / DP Transmitter, RTD and Well, Earthing -electrode, ups & battery, transformer, panels, lighting, motor, cathodic ray protection system, VFD, lighting junction box, lighting poles, lv & hv cable, control & communication cable, earthing bar, cable & strips, wire - rope, panel & transformer, lighting fixture & distribution boards, cathodic ray protection system(crp), conduit works, lv & hv switchgear, bus ducts, analyzer probe, siren system, level gauge, gas / smoke detectors, etc

- Responsibility involves, overall co-ordination with client, subcontractor and inter departments for all QA/QC Electrical & instrumentation inspections and documentations. Performing inspections with client & subcontractor, making & updating inspection test plan for site activities. Observing site activities, advising & guiding subcontractors regarding specifications so as to maintain quality at site works. Conducting weekly QA/QC meeting, reviewing erection completion packages in order to attain final mechanical completion approval from the client. Clearing punch list issues during inspection.
- Third party inspections for boards for electrical products and switchgears at manufacturing premises by testing and verification to demonstrate product safety and quality. Also preparing inspection reports and submitting it to boards for conformity assessment of products.
- Performed Routine tests, Type Tests & Special Tests of Oil type and Dry type transformers as per IS 1180, IS 2026, IS 11171 & IEC 60076 and Preparation of Test reports
- Performed Lightning Impulse test up to 33 kV class, 300kVp 15kJ Generator system for testing of Transformers, CT/PT & Units, Panels, Circuit Breakers, Vacuum Interrupters.
- Handled Customers for testing of electrical products in Distribution transformer department, High voltage and Impulse voltage testing department & CT/PT testing department
- Performed Transformer Oil testing -Dissolved Gas Analysis Test as per IS 10593, Physical properties tests of Oil as per IS 1866 and preparation of test reports
- Maintaining required documents and quality work to handle Internal Audits, BIS Audit & NABL Audit.
- Worked for incoming quality of raw material. Checking and maintaining raw material quality as per IS Standards & Supplier TC. Contact with supplier related to raw material quality problems and rejection of raw material
- Worked for inprocess quality for maintaining consistencies in processes and require less rework and non- conformities.
- Time to time Calibration of all Measuring & Monitoring Equipment's & maintaining records related Audits.
- **Major involvement in Installation, Impulse line fabrication ,Calibration(HART-475),Loop**
- **Checking and Commissioning**
- **• Installation of various type of instruments and package sensor (PT,FT,LT,TT,TI,PI,LG) CV**
- **• Troubleshoot of vendor package, field instrument & Logic check like interlocking and functional test.**
- **• Involve in commissioning with vendor of compressoer (COPERION EXTRUDER&ADITIVE**
- **KIRLOSKAR REFRIGERANT COMPRESSOR, ZEPLINE homogenization, ISG hydrogen**
- **purification, RGC, Steamer Off gas Compressor AND Bagging)**

Personal details

Father's name : Chandraket Narayan Singh.

Date of Birth : 08th. Aug. 1981.

Sex : Male.

Nationality : Indian.

Language Known : English, Hindi , Bhojpuri .

Marital Status : Married

- Hobbies ; Playing Cricket & football , Singing Hindi songs , Listening music,Reading cricket magazines,Gardening.

Declaration:

I here by declare that the information furnished above is correct to the best of my knowledge and belief.

Place: Patna

Omprakash Singh