

SNEHAL RANJEET SATPUTE**Mobile:** +919860486633.**E-Mail:** bhagwatsneha99@gmail.com**JOB OBJECTIVE**

Talented, young Engineer combines good education with development oriented attitude, gained from surrounding environments with hand on opportunities also have a strong work ethic with a desire and commitment to succeed.

Location Preference: Pune.

Profession Experience:-**Total Experience: 7 Years.****Current Company profile: "Atlas Copco India Limited Hinjewadi Pune (GECIA)"
(On payroll of Actualize Consulting Engineers PVT LTD).**

(Atlas copco is the leading manufacturer of innovative solutions in air compressors and industrial gases, energy efficient vacuum pumps, portable compressors, light towers and generators, ergonomically designed industrial tools and assembly systems.)

- **Designation: Design Electrical and instrumentation Engineer.**
- **Duration: Since 23rd July 2018 to till date.**

Key Responsibilities:

- Preparation of Electrical wiring diagram of all types of compressors.
- Design of electrical schematic drawing Interconnection diagrams and SLDs.
- Preparation of utility list and load list as per system Requirement
- Selection of motor starters and switchgears.
- Preparation Power and control cable schedule.
- Selection of switchgears, VFDs, DOL starter ,Star-Delta starter ,soft starter, power cables , instrumentation cables & control cables for the electrical system .
- Preparation of bill of quantity for the electrical panel as per requirement.
- Preparation of process and instrumentation diagram (P&ID)for compressed system .
- Preparation of data sheets for instrumentations.(Sensors, switches and Gauges) and instruments list .
- Making of IO list an instrument Index and control Philosophy.
- Preparation of Address Mapping list and program updation .
- Preparation of compliance reports against clients comments. and taking the Approvals for the prepared drawings and documents from the clients.
- Coordination with Clients and team members to complete task within time .
- Motor fitment check, preparation of set electrical, BOM verification with mechanical team.
- Preparation of as built drawings.
- Understand the Electrical diagrams, control diagrams, preparation of SLD, Power & Control Circuit, develop control panel BOM.
- Task & Project management as per production schedule, On time delivery and Estimation of total hours require to task completion.

Technical Competencies:

- **AutCAD Mechanical**-Generation for Drawing for Electrical SLD,Wiring diagrams,process & instrumentation diagrams ,interconnection drawings .
- **AutoCAD Electrical**-Generation for Drawing for Electrical SLD(Single line diagram) and Wiring Diagrams.
- **ENOVIA:** Uploading final executed documents to the system.
- **BPCS:** To release TD for procurement

Last Company profile: "Aqua chill System India PVT LTD,Pune "

(Aqua chill are turnkey EPC Contractors in the field of Air-conditioning, Ventilation, Process Cooling, Trigeration, Inlet Air Cooling and Green Buildings. We are operating pan India as well as in Overseas Market.)

- **Designation: Design Electrical and control & instrumentation Engineer.**
- **Duration: Since 1st March 2015 to 20th July 2018.(3 years 4 months)**

Key Responsibilities:

- Design of Electrical system design of HVAC.
- Preparation of data sheet for Electrical HVAC panel like AHU Panel,MCC panel ,PLC panel ,DDC Panel,Power distribution boards For Casset units ,FCU,VRF ODU and as require.
- Preparation of data sheets for instrumentions.(Sensors,switches and Gauges) and instruments list as required in various projects.
- Selection of motor starters ,controllers and instruments.
- Selections of power cables for Motors and other Mechanical Equipments/Drives
- selection of control cables for instruments and PLC panel.
- Design of electrical schematic drawing for HVAC system.
- Preparation of as built drawings as per site conditions.
- Design of cabling layout and Cable tray layout for respective projects and selection of cable tray sizes and types as per calculation.
- Preparation of load list and Power & control cable schedules.
- Coordination with Clients,suppliers &,Electrical consultant and Project Team .
- Follow up from site workers and vendors.
- Selection of vendors and vendor development
- Preparation of material requirements(MR) for Cables ,instruments and other electrical items.
- Code generation in ERP/SAP for component and material entry in ERP/SAP
- Preparation of compliance reports against clients comments. and taking the Approvals for the prepared drawings and documents from the clients.
- Preparation of Bill of quantity(BOQ).
- Making of IO list from P&ID drawings for respective projects.
- Technical clearances for electrical items which are received from Various vendors.
- Visit for Electrical panel Testing at Vendors Workshop.
- Site Visit For Electrical Inputs /Data collection and Electrical system Design

Technical Competencies:

ERP-Code Generations for respective electrical component.
AutoCad-Generation for Drawing for Electrical SLD(Single line diagram).
SAP-Code Generations for respective electrical component and PR release.

Projects Handling: Electrical panel Design ,system and instrumentation

- Pepsico,Hydrabad
- Cadbury ,Warna
- Neutral Glass.surat
- Abbott Pharma,gujrat
- Cummins India PVT LTD,Pune(Kothrude)
- JCB ,Pune
- Deepak Fertilizer,Panvel
- Parakh Agro,Pune
- NTPC ,Noida
- NTPC Vindhyanchal
- ITC,Gujrat
- Harman ,Pune
- Haldiram Food,Nagpur
- JSW Dolvi and Bellary
- Abul Khair,Bangladesh
- Eisenmann,Gujrat
- Wikas Pvt LTD,Nashik.
- Bhusia, kenya
- Mahindra ,Pune
- KTPL,hydrabad
- Ruby hall ,pune
- Thermax PVT LTD,Chinchwad
- Britannia,mundra(Gujrat)
- Cummins QSK ,Phaltan
- Britinnia ,Ranjangaon
- Mars chocolate ,pune

Project Appreciation/Certificates From Company:-

NTPC - Completing detail engineering in shortest time.

Abbot Pharma-Successful execution in time & handling over of HVAC project.

Cadbury Warna-Handling Cadbury Warna project independently within weeks in time.

Abul Khair Bangladesh-Supply of lowside material in time with required documents for Abul khair Bangladesh.

NTPC(Vindhyanchal)-Successfully completion third party panel inspection.

Cummins Test cell-Complete engineering task within short period

Parkh Agro -Handling project independently within weeks in time.

Professional Experience of Previous Company:

- **Company: "Hitek Engineering Services Vile Parle (E) Mumbai."**

(Which undertake turnkey contracts involving Design, Fabrication
Erection, Testing and commissioning of **Fire Protection System** for
Petroleum Industry, Petrochemical Plants, Power Plants, Pharmaceutical
Plants etc.)

- **Designation: Design / Project Engineer**
- **Duration: Since 1st March 2013 to 21 March 2014.(1 year)**

Key Responsibilities:

- Design of Detectors layout on Input Drawings received from client.
- Design of LHS Cable layout of cable galleries and conveyors area.
- Design of Block Schematic drawing of fire alarm panel
- Design schematic drawing of fire alarm system.
- Preparation of as built drawings as per site conditions.
- Preparation of load list and cable schedules.
- Communication with Clients and suppliers.
- Follow up from site workers.
- Preparation of material requirements(MR)
- Preparation of compliance reports against clients comments. and taking the Approvals for the prepared drawings and documents from the clients.
- Preparation of Bill of quantity(BOQ),
- Making of Technical Datasheets(TDS) and QAP/ICL for various Raw Materials
- To Co-ordinate and Expedite Commissioning & erection activities with all engineering Disciplines to ensure timely completion of all deliverables project.

Projects Handling:

- 2 x 500 MW Sagardhigi thermal power project, West Bengal.
- 2 x 250 MW sikka thermal power project, Gujarat.
- 6 x 135 MW CPP & 5 x 100 MW plant TPH Process Boiler, Angul .West Bengal.

Profile Summary

- Completed B.E.(Electrical) from JSCOE, Hadapsar, Pune Successfully completed several projects and gained exposure related aspects of electrical engineering
- Conversant with electrical machines and power system
- In-depth knowledge in planning the operations & maintenance requirements of plants at available capacity, inclusive of materials planning, scheduling, procurement & distribution as per requirements
- Possesses strong communication, relationship management, analytical and organisational abilities

Industrial Exposure

- Attended internship in MSEB (Transmission) - one week in Satara in December 2012; accountable for handling activities regarding:-
 - Introduction of circuit breakers, isolators, feeders.
 - Studied single line diagrams at substations.
 - Introduction of HV lines.
 - Introduction of all types of transformers.

Extramural Engagements

- Completed PLC & SCADA course (C.O.E.P, Pune) in 2012
- Attended AutoCAD Electrical Course.(optimize technology,pune)
- Solid works- (CADD centre, New Mumbai)
- Documentation-MS-office/Excel/Word/Power Point.

Project (B.E.)

"Fire Fighter Robot"

- Description: The project aimed at the robot which was used to sense the fire using temperature sensor and took the action to extinguish fire
 - The model used is buggy model that consists of wheels which move to and fro thus giving proper direction to robot. The main components used are microcontroller(AT89S52),ADC, multiplexer, dual drive circuit (L293D), LCD Display, SMS modem, sensors used are temperature sensor (LM35),obstacle detector. LDR

SEMINAR [T.E]

"Laser Communication"

Description: Seminar focused on the use of laser communication in space and underground applications

- Laser communication offers variable alternative to RF communication for inter satellite link and other application where high performance links are necessity. They work similarly to fibre optic links except the beam is transmitted through free space. Space laser communication through the atmosphere.

EDUCATION

- **BE (Electrical)** from JSCOE, Hadapsar, Pune in 2012 with 60%
- **12th** from Mahatma Gandhi Junior College,Umbraj in 2008 with 69.67%
- **10th** from S.R.P.K.Kanya Vidyalay, Umbraj in 2006 with 83.84%

PERSONAL DETAILS

Date of Birth: 5th September 1990
Current Address: Flat no-65 Swapn-Shilp App. Oppo.Siddhi lawns ,Near Tulja
Bhavani Mandir Narhe.Pune.
Languages Known: English, Marathi and Hindi
Marriental Staus : Married

DECLALRATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Date-
Place-

(Mrs. Snehal Satpute)