



SANDEEPDAS.K.M

Electrical & Instrumentation

Erection ,commissioning and maintenance experience.

OBJECTIVE

Seeking a position in a well-established organization to utilize the knowledge in Electrical and Instrumentation field, this offers professional growth while being resourceful, innovative, and flexible.

WORK EXPERIENCE

M/s L&T Construction Ltd- 19/03/2014 till Date

- **Assistant construction manager**-100MLD Desalination project (GIDC Dahej) -05/07/2021 till date
- **Assistant construction manager** - 20MLD CETP (Dholera) -05/04/2021 02/07/2021
- **Assistant construction manager** (Piyaj unad lift-irrigation project (Mehsana)- 14/03/2018 to 05/04/2021
- **Senior engineer** -100MLD CETP Project (Ahmedabad)- 19/03/2014 to 13/06/2018

ROLES AND RESPONSIBILITIES:

- Lead engineer for the erection and commissioning activity of all electrical and instrumentation work as per the contract which includes electrical substation, HV, MV and LV panels, VFD's, DCS, PLC & SCADA system Fire alarm and HVAC system, Field instruments like flowmeter, level, pressure transmitter, Analyzers, Pneumatic and motorized valves and various process related sensors, transmitters and gauges.
- Prepared preventive and corrective maintenance plans for restoring electrical & instrumentation equipment's to normal operating condition, thus minimizing downtime and future failures.
- Developed scopes defining improvement in execution, alternative and cost - benefit analysis as needed.
- Troubleshooting electrical and instrumentation equipment's (flow, level, pressure, various type analyzers and sensors etc.) problems thus eliminating chronic E&I issues.
- Managed engineering changes, maintenance workflow and equipment documentation using site specific records.
- Continually improved electrical safety methods and procedures for processes, measurement, documenting and workflow technique.
- Ensured compliance of international standards of Safety, Electrical and Mechanical rules.

PROFILE

Result oriented Electrical and Instrumentation engineer specializing in high level problem solving, process control efficiency with strong technical knowledge of industrial automation, electrical and instrumentation functions, equipment and maintenance. Strong written/ verbal communication skill and adhere to all established principle of electrical safety.

TOP SKILLS

Troubleshooting skill
Excellent team player
Hands-on approach, strong understanding of electrical process combined with technical knowledge

LANGUAGES

English
Hindi
Malayalam
Tamil

EXTRA COURSE & CERTIFICATE

Post-Graduation Diploma in Industrial Automation

CONTACT

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HOBBIES

Playing football
Fishing

M/S SHRINATHJI ELECTRICALS- 01/ 12/ 2011 to 15/03/2014.

Project engineer- BBCLIP lift irrigation Project.

- Erection, testing and commissioning of electrical substations
- Trouble shooting of Control and relay panels control wiring, c
- Supervising Cable laying, tray installation and termination as per the schedule
- Responding and providing technical assistance to electrical equipment problems within the company-owned facilities.

M/S Varun infrastructure- 01/ 05/ 2011 to 29/11/2011

Site engineer

- Responsible for all aspects of MV and LV panel boards, underground work including cable pulling, installing instruments, tray, ladder rack, confine space entry, small power and lighting, terminating and glanding reputation for proficiency and quality.

TECHNICAL SKILLS

- DCS, PLC & SCADA operation.
- Trouble shooting electrical control system on continuous production lines including PLC, VFD's, process control, DCS and HMI
- Installation and maintenance of field instruments.
- Knowledge in motorized and pneumatic actuators
- Experience in pumping machineries and valves.

EDUCATION

- **VMKV Engineering College Salem (2011)-** BE in Electronic and Administration.
- **TPTC Alagappanagar Kerala (2007)-** Diploma in Electrical engineering.

COMPUTER LITERACY

Well versed in MS word, MS Excel, Power Point, and Outlook.

REFERENCES

Manager :MR. Shaik Anwar (Mob: +91- 9849220842)

DECLARATION

I hereby declare that the particulars of information furnished above are true and complete to the best of my knowledge and belief.