



## **M. SIVAPRAKASAM**

Plot no: 73, 4th street,  
Visvashanthi Nagar, Madurai 625017.  
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Email: sprakasam01@gmail.com

**Plant / Operations / Engineering Head**  
*Preferred sectors: Operations and Project*

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### ***Career Summary***

- ***30 + years of experience in various process industries like Chemical, Plastic, food and Pharma units, in various functions like project engineering, maintenance and operations. Served as Factory / plant head accountable for Processing, Maintenance, Projects, QA, R&D, Logistics and Supply Chain Management. Quality and efficiency, safety and Regulatory compliance, People development and process Control automation in Manufacturing and inventory.***

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### ***Professional Experience***

- *Process control Automation and total plant maintenance*
- *Project planning, Implementation & commissioning activities.*
- *Manufacturing to support marketing requirements to meet Business performance.*
- *Planning for outlook of the business based on the forecast.*
- *Driving through manufacturing cost improvements.*
- *Strategy development for business growth, product portfolio. Driving and direct all initiatives to continuously improve production efficiency.*
- *Responsible for compliance with HSEQ requirement for production and materials management processes.*
- *Responsible for regulatory requirements meeting Factories act and MAH rules without any deviations.*
- *Responsible for compliance with local laws & regulations about production, equipment and materials management processes.*
- *Demonstrating strong leadership and responsible to develop a high performance team*
- *Proactive communication with internal, government officials, site employees, for better strategy communication and implementation*
- *Project Management involving multi discipline projects, Planning, Resource management,*
- *Project control and close out*
- *Manage all project engineering activities to ensure compliance with the relevant project management processes and procedures.*
- *Manage the relevant Change and Deviation Control processes and Risk mitigation plan.*
- *Ensure that project cost estimate is monitored and implication of changes is tracked as design progresses.*

- Knowledge of Process design covering aspects such as Design Basis development, PFD and P&ID, Equipment list, Line list, generation of process data sheets for equipment and instruments, PHR, HAZOP and other detailed engineering activities.
- **Lead Auditor – ISO: 9001 – 2008**
- **Consultant role in ISO 9001-2015, ISO14001-2018&ISO45001-2018 implementation and certification**
- **Lean Six Sigma – Green belt**
- **Finance for non-Financial Managers -Module**
- **Electrical Supervisor Competency (C-License) – Electrical Licensing Board**
- **Reliability centered Maintenance – IIPM**
- **Planned Maintenance & Implementation –CII**
- **Field Bus Technologies – CII**

## **Career history**

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**M/S Sudhan Powertech & Sri Harsha electrical Industries Private limited.** (Lead Electrical consultant and A Grade contractor / Manufacturer of Electrical panels and accessories)

**Consultant – Business and Technical** (Sep 2021 to till date)

Responsibilities: Overall business

Implementation of systematic approach in business and follow up, ISO implementation and certification.

Technical coordination with Siemens for authorized Partner in SIEPAN 8PU panels, Built PCC, IMCC and APFC solutions.

Manufacturer of IEC /IS panels.

Leading the team in design and execution of all types of electrical Installation, Commissioning of all Industrial, housing buildings, hospital and hotel projects

**M/s Smit & Zoon India Private Limited** (Manufacturer of Leather processing chemicals)

**Consultant – Projects, Operation & Maintenance** (Feb 2021- August 2021)

Responsibilities: Projects & Maintenance & Utilities

Relocation of entire plant and machineries and utilities from Chennai to Ranipet.

Planning and execution of Preventive, Predictive and breakdown maintenance, Modification and up-gradation of Process control / monitoring system. Calibration and control of Process control instruments. Spare planning and Inventory control.

Fulfillment of statutory and regulatory compliance, HAZOP study and risk analysis and recommendations.

Equipment Data sheets Preparation, P&ID preparation.

ISO 9001/14001& 45001 support and coordination.

**M/S Ankidyne Play system and Science parks. Chennai** (Manufacturer of playground equipment's and science park gadgets)

**Works Manager** (Oct 2017 to Jan 2021)

Responsibilities: Factory / Manufacturing Unit Head

Manufacturing as per marketing demand, Raw material planning and Control, man power planning for erection and customer support. Quality control and Product approval, ISO requirements, implementation of operational SOP and guidelines and ensure an efficient and cost-effective operation. to develop high potential team. Recruitment, development and training of staff.

**M/S Covestro India Private limited, (Formerly Bayer Material Science Private Limited)**  
(Manufacturer of Thermoplastic Polyurethane)

**Plant – Head** (May 2012 to Sep 2017)

*Responsibilities: Overall lead for manufacturing facility / site Head*

*Production Planning and Control, Product Efficiency and wastage reduction, Inventory Management, Engineering and Projects, Research and product Development, Internal discipline co-ordination and follow up, CAPEX Project cost estimate and execution, Risk identification and mitigation. Unit Turnover of 110 cores. Head count reported 150 numbers*

*Installed and Commissioned Plant Capacity expansion project from 2.5 KT to 6 KT with necessary approvals from MoEF, Pollution Control and Factory inspectorate. Responsible for Basic and Detailed engineering, Equipment installation, Process Automation and Product trials, Establish, monitor and control of the implementation of operational SOP and guidelines and ensure an efficient and cost-effective operation. Demonstrating strong leadership to develop high potential team. Recruitment , development and training of staff.*

**M/s LANXESS India Private Limited – ( Manufacturer of Leather chemicals, Rubber Chemicals, and Material Protection Products)**

**Associate General Manager – Engineering and Projects** (April 2008 – May 2012)

*Responsibilities: Head engineering / Process Automation and Control / Relocation of Process plant and Machineries.*

*Project Management, Maintenance Planning, Resource Management, CAPEX Cost estimation and control, Process Re-engineering, Optimization of Resources and Utilities, Lead the task force team for Inventory control, Variance analysis and control. Resource allocation based on effectiveness. Workload and resource allocation of technical personnel within the Process discipline, training and development of personnel.*

*Responsible for Relocation of Entire plant and machineries for Madurai to Jaghadia including dismantling, decontamination and relocation.*

*Responsible for Identification and QA control for Toll manufacturing units.*

**M/s Bayer Material Science Private Limited (Manufacturer of TPU)**

**Manager – Maintenance** (August 1994-April 2008)

*Responsibilities: Maintenance head / Utilities / Projects*

*Planning and execution of Preventive, Predictive and breakdown maintenance, Modification and up-gradation of Process control / monitoring system. Calibration and control of Process control instruments. Spare planning and Inventory control. ERP implementation and working.*

*Fulfillment of statutory and regulatory compliance. Hazop study and risk analysis and recommendation's.*

*Equipment Data sheets Preparation, P&ID preparation, PFD preparation and Mass balance for their various projects, Pre commissioning and commissioning assistance*

**M/s Binani Zinc Ltd** (Manufacturer of Zinc)

**Asst. Superintendent – Instrumentation** (October 1993-August 94)

*Responsibilities: Instrumentation lead*

*Responsible for Instrumentation maintenance and projects. Scheduled / planned maintenance activities. Development and modification works.*

*Installation and operational knowledge in GE Fanuc and Siemens PLC system*

**M/s Ushta-te Biotech Industries Ltd** (Manufacturer of Pharma / Food products)

**Senior Instrumentation Engineer** (Dec 1991-Sep 93)

*Responsibilities: Instrumentation erection, Commissioning and operation*

*Instrumentation Technical data sheets and specification, PID preparation. Plant engineering & commissioning,*

*Erection and commissioning of complete Instruments and Control system. Involved in startup and trip logics of the control system. Erection and Commissioning of MOD 300 Taylor DCS. Operation and Maintenance of Instrumentation division.*

**M/s Blue Star India Ltd** (Instrumentation Projects division)

**Project Engineer** (May 1989-Nov 91)

*Responsibilities: Project Engineering / Commissioning*

*Involved in various projects instrument erection, Loop checking, pre commissioning and working.*

*FACT Caprolactum project, India cements expansion project, Chemplast PVC expansion project. Commissioned Process plants, Utilities, Waste water treatment plants.*

**M/s Jaison & Hutchisun Controls** (Instrumentation Projects)

**Erection & Commissioning Engineer** (June 1986-April 89)

*Responsibilities : Project Engineering / Erection / Commissioning*

*Involved in Various projects in Instrument erection, pre commissioning and working.*

*Asian Peroxide Plant Sullurpet, MRL TTP Plant*

**Personal Details**

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- Education: **MSc. Instrumentation- Applied physics**, Bharathidasan university, 1986
  - **MBA. e Business**, Annamalai university, Chidambaram- 2006
- Date of birth : 01/ June/ 1964
- Languages Known : English, Tamil
- Marital status : Married
- No of Children : Two

Place;

Date:

(M.SIVAPRAKASAM)