



# SPT



## SP TECH ENGINEERING PVT.LTD.

### ELECTRO MECHANICAL CONTRACTORS & TRADING

#### > COMPANY PROFILE



info@sptechengg.com



www.sptechengg.com



**1** ELECTRICAL TESTING  
AND COMMISSIONING



**2** DESIGN &  
ENGINEERING



**3** O&M OF POWER PLANT  
AND SUBSTATIONS



**4** PROTECTION  
RELAY TESTING



**5** ERECTION OF  
SUBSTATION



POWER  
SYSTEMS



CONTROL &  
AUTOMATION



ELECTRICAL  
INSTALLATION



SAFETY &  
RELIABILITY



PERFORMANCE  
YOU CAN TRUST



# SPT

SP TECH ENGINEERING PVT.LTD.

## SP TECH ENGINEERING PVT. LTD.

(ISO 9001:2015 Certified Company)



### INTRODUCTION

SP Tech Engineering Pvt. Ltd., Chennai - India is a contracting and trading company backed by the vast experience of performance driven professionals in the field of Electrical and Electro-mechanical domains. The wide exposure to switchboard design & manufacturing, project management, installation, testing and commissioning, operations and maintenance of the various electrical systems and equipment, provide an ideal technical platform to the company.



With headquarters at Chennai-India and branch offices at Bangalore, Mumbai, Delhi and other potential regions, SP Tech Engineering Pvt. Ltd. brings fresh and innovative approach to offer the following services to the electro- mechanical industry:



### OUR SERVICES



Erection, Testing and Commissioning of Substation and processing plants.



Experts in E-house integration work in different size of E-houses.



All Make Breakers & Relays Testing and Service.



Design and Engineering of Substations and C&R Panels.



Annual Maintenance Testing of Substations & Processing plants.



Operation & Maintenance of Power Plants and Substations.



Manpower supply for Testing and Commissioning



Retrofit activities



Rental of all testing kits on Monthly basis & Day basis



### SP TECH ENGINEERING PVT. LTD.

(ISO 9001:2015 Certified Company)

Plot No. 94, AGS Nagar,  
Zamin Pallavaram Chennai-600 117

Cell: +91-9962592447 | Ph.: 044-48511718



### BRANCH OFFICE:

No.683, KCHS-Layout,  
Nagdevanahalli, Bangalore-56.



Website: [www.sptechengg.com](http://www.sptechengg.com)



e-mail: [info@sptechengg.com](mailto:info@sptechengg.com)



# SPT

## SP TECH ENGINEERING PVT.LTD.

ENGINEERING EXCELLENCE. DELIVERING TRUST.



### VISION



To become a trusted leader in the engineering industry by consistently exceeding customer expectations through quality, innovation, and service excellence. We aim to build a strong reputation as a reliable provider of engineering, installation, testing, commissioning, and manufacturing solutions. Through continuous improvement, advanced technology, skilled workforce development, and strict adherence to quality standards, we strive to expand our capabilities, strengthen our market presence, and create lasting value for our customers and stakeholders.



### MISSION



At SP TECH Engineering Pvt. Ltd., our mission is to deliver reliable, innovative, and cost-effective engineering solutions for the electrical and electro-mechanical industries. We are committed to excellence in design, manufacturing, installation, testing, commissioning, and technical consulting by utilizing modern technology and industry best practices. We focus on understanding customer needs, completing projects on time, and maintaining the highest standards of professionalism, integrity, safety, and reliability while building long-term partnerships that enhance operational efficiency and performance.



### OUR COMMITMENT



At SP TECH Engineering Pvt. Ltd., we provide quality engineering solutions for the electrical and electro-mechanical industries. We focus on delivering reliable products and services through innovation, teamwork, and customer satisfaction. Our goal is to build lasting relationships, complete projects on time, and grow as a trusted and dependable engineering company.

### OUR VALUES



#### QUALITY

We deliver the highest standards



#### INNOVATION

We embrace new ideas and technology



#### TEAMWORK

We work together for success



#### INTEGRITY

We act with honesty and transparency



#### RELIABILITY

We are dependable in everything we do

# OBJECTIVES AND GOALS

Our goal is to exceed the expectations of every client by offering outstanding customer service, increased flexibility, and greater value, thus optimizing system functionality and improving operation efficiency.

Our engineers and service team are distinguished by their functional and technical expertise combined with their hands-on experience, thereby ensuring that our clients receive the most effective and professional service.

- 
- **01** | Achieve operational credibility to offer products and services to the electrical utilities and electrical contractors within the **first year** of operations.
  - **02** | Become one of the leading contractors of installation, testing and commissioning by the end of **second year** of operation.
  - **03** | Build up an impeccable reputation as one of the most reliable companies in engineering, production, testing services and materials supply segments at the end of **second year** of operation.
  - **04** | Increase installed capacity to **50% or more** at the end of the **three years**.
  - **05** | Increase its labour positions to **50 % or more** at the end of **3rd year** of operations.
  - **06** | Ensure that all personnel are trained to a level of familiarity with the **quality management system** concurrence to individual's degree of responsibility.



**CUSTOMER FOCUS**  
We deliver value  
beyond expectations



**INNOVATION**  
We adopt technology  
and best practices



**INTEGRITY**  
We act with honesty  
and transparency



**TEAMWORK**  
We work together  
to achieve success

# COMPANY PROFILE



Name of the Company : **SP TECH Engineering Pvt. Ltd.**



Area of Activity :

Electro-Mechanical Contractors - Erection and  
Testing and commissioning of Substation and  
processing plants.  
Equipment Design and Manufactures of  
LT/HT and C & R Panel Boards.  
Operation and Maintenance of Power Plants.  
Manpower supply Testing & Commissioning.



Constitution :

**Private Limited Company Company**



Company Registration No. : U74900TN2014PTC097614



PAN No. : AAVCS0103L



GST No. : 33AAVCS0103L1ZB



TAN No. : CHES43236E



TIN No. : 33146267330



## Company Location and Facilities

SP TECH Engineering Pvt. Ltd. is located in Keelkattalai, Chennai – 600117, with a well-equipped office and operational facility spread across approximately 2,000 sq. ft. Our organization is supported by a dedicated team comprising management professionals, administrative and accounts personnel, design engineers, senior and junior engineers, skilled technicians, and support staff. This strong workforce enables us to efficiently execute engineering, manufacturing, testing, commissioning, and maintenance projects while maintaining high standards of quality and customer satisfaction. We also maintain a strong online presence through our website, [www.sptechengg.com](http://www.sptechengg.com), providing easy access to our services and company information.

## OUR VALUES



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beyond expectations.



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### TEAMWORK

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to achieve success.



# EXECUTIVE SUMMARY



SP TECH Engineering Pvt. Ltd. is envisaged as a manufacturing, contracting and trading firm specializing in electric system / equipment testing & commissioning as well as electro-mechanical works and services. The production Centre and office are established in **Chennai – India since 2014** to cater the designated areas.



The founders of the firm are professional engineers and managers with **more than 20 years** of progressive and responsible experience in International companies.



## OUR FOUR DIMENSIONAL SERVICES

The company will specialize in providing four dimensional services:



### EQUIPMENT ERECTION



- Transformer Erection
- Switchgear & Panel Erection
- Electrical Equipment Erection
- Mechanical Installation Support



### INSTALLATION AND OPERATION



- Electrical System Installation
- Equipment Installation
- Testing Support
- Operation & Maintenance



### TESTING AND COMMISSIONING



- Pre-commissioning Testing
- Commissioning Services
- Functional Testing
- Performance Verification



### SUPPLY OF HIGHLY SKILLED MANPOWER



- Skilled Engineers
- Technicians & Supervisors
- Erection & Testing Teams
- Project Support Staff



Implementation of  
quality management under  
**ISO 9001 : 2015**  
Has been Achieved.



## QUALITY SYSTEM IMPLEMENTATION

The following scorecards are used to cover the processes in the quality system of our company:



Leadership and Management review



Resource Management



Design and Development implementation



Supplier Management



Service Provision Planning and Control



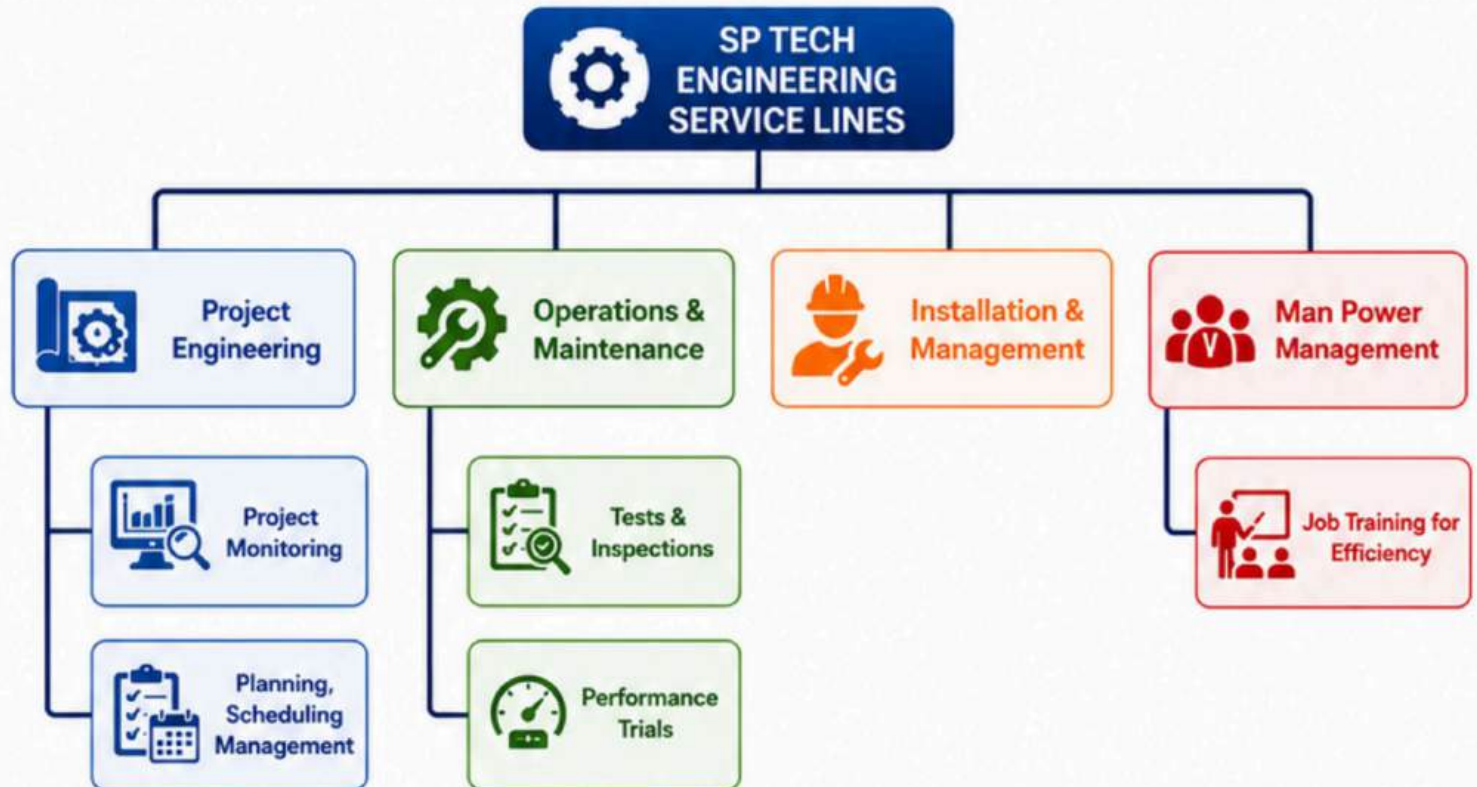
Document and Record Control



SP TECH Engineering Pvt. Ltd. remains committed to delivering innovative engineering solutions, maintaining high safety and quality standards, and building long-term relationships with customers through reliable and efficient service execution.



SP TECH Engineering Pvt. Ltd. is an independent company providing Electro-Mechanical contracting services, designing and manufacturing of panel boards, erection and maintenance of substation equipment, operation and maintenance of power plants, testing and commissioning services and manpower / material supplies. With the continued targets on 'cost reduction', it will strive to do its part in providing the highest level of quality at the lowest possible prices.



**SKILL CHART – SP TECH ENGINEERING SERVICE LINES**

| SKILLS                                                                                                                     | SERVICE LINES                                                                                           |                                                                                                              |                                                                                                                |                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
|                                                                                                                            |  Project Engineering |  Operations & Maintenance |  Installation & Management |  Man Power Management |
|  Project Planning & Management           | ● ● ● ○                                                                                                 | ● ● ● ○                                                                                                      | ● ● ● ○                                                                                                        | ● ○ ○ ○                                                                                                    |
|  Project Monitoring & Control            | ● ● ● ○                                                                                                 | ● ● ● ○                                                                                                      | ● ● ● ○                                                                                                        | ● ○ ○ ○                                                                                                    |
|  Scheduling & Resource Management        | ● ● ● ○                                                                                                 | ● ● ● ○                                                                                                      | ● ● ● ○                                                                                                        | ● ○ ○ ○                                                                                                    |
|  Operations & Process Management         | ● ○ ○ ○                                                                                                 | ● ● ● ●                                                                                                      | ● ○ ○ ○                                                                                                        | ● ○ ○ ○                                                                                                    |
|  Testing, Inspection & Quality Assurance | ● ● ● ○                                                                                                 | ● ● ● ●                                                                                                      | ● ● ● ●                                                                                                        | ● ○ ○ ○                                                                                                    |
|  Performance Evaluation & Trials         | ● ● ● ○                                                                                                 | ● ● ● ●                                                                                                      | ● ● ● ○                                                                                                        | ○ ○ ○ ○                                                                                                    |
|  Installation & Commissioning            | ○ ○ ○ ○                                                                                                 | ● ○ ○ ○                                                                                                      | ● ● ● ●                                                                                                        | ● ○ ○ ○                                                                                                    |
|  Workforce Management & Deployment       | ● ○ ○ ○                                                                                                 | ● ○ ○ ○                                                                                                      | ● ○ ○ ○                                                                                                        | ● ● ● ●                                                                                                    |
|  Training & Capacity Building            | ● ○ ○ ○                                                                                                 | ● ○ ○ ○                                                                                                      | ● ○ ○ ○                                                                                                        | ● ● ● ●                                                                                                    |

● Core Strength (High Expertise)   
 ● Supporting Strength (Moderate Expertise)   
 ○ Limited Strength (Low Involvement)



# SPT

SP TECH ENGINEERING PVT.LTD.

# TESTING & COMMISSIONING INFRASTRUCTURE

ADVANCED TESTING EQUIPMENT & DIAGNOSTIC SOLUTIONS



SP Tech Engineering Pvt. Ltd. maintains a comprehensive portfolio of testing, measurement, and diagnostic equipment to support commissioning, preventive maintenance, condition assessment, troubleshooting, and performance verification of electrical systems ranging from LV installations to EHV substations.

Our testing infrastructure enables accurate diagnostics, enhanced reliability, and compliance with national and international standards.



## NORMAL TEST EQUIPMENT

-  CT Primary Injection Test Kit
-  PT Primary Injection Test Kit
-  Circuit Breaker Test Kit
-  Winding Resistance Test Kit
-  Earth Resistance Meter
-  HV/LV Cable Test Kit
-  Bus Bar Test Kit
-  Isolator & Earth Switch Test Kit
-  Insulator Test Kit
-  Transformer Test Kit
-  Voltage Measurement Test Kit (up to 690 V)
-  Current Measurement Test Kit (up to 2000 A)
-  AC Leakage Current Measurement Test Kit (up to 100 A)
-  Polarity Tester
-  Phase Sequence Meter
-  Vibration Meter



## SPECIAL TEST KITS

| No. | Equipment                                | Make / Model     |
|-----|------------------------------------------|------------------|
| 1.  | Secondary Injection Test Kit             | Omicron CMC 356  |
| 2.  | Secondary Injection Test Kit             | Megger SMRT46    |
| 3.  | Sweep Frequency Response Analyzer (SFRA) | Omicron / Megger |
| 4.  | CT Analyzer                              | Omicron          |
| 5.  | TAN Delta Test Set                       | Omicron          |
| 6.  | Dew Point Meter (DM70)                   | Vaisala          |
| 7.  | Dynamic Contact Resistance Meter (DCRM)  | Scope            |



## KEY TESTING CAPABILITIES



### PROTECTION SYSTEM TESTING

- Numerical Relay Testing
- Secondary Injection Testing
- Protection Scheme Verification
- End-to-End Protection Testing



### TRANSFORMER DIAGNOSTICS

- Winding Resistance Measurement
- CT Analysis
- TAN Delta Testing
- SFRA Analysis
- Condition Assessment



### SWITCHGEAR ASSESSMENT

- Circuit Breaker Testing
- Dynamic Contact Resistance Measurement (DCRM)
- Isolator & Earth Switch Testing



### ELECTRICAL MEASUREMENTS

- Voltage Measurement up to 690 V
- Current Measurement up to 2000 A
- AC Leakage Current Measurement up to 100 A
- Polarity Verification
- Phase Sequence Verification



### CABLE & EARTHING SYSTEMS

- HV/LV Cable Testing
- Earth Resistance Measurement
- Insulation Integrity Verification



### CONDITION MONITORING

- Vibration Analysis
- Equipment Health Assessment
- Predictive Maintenance Support



## COMMITMENT TO QUALITY

SP Tech Engineering Pvt. Ltd. is committed to delivering reliable testing, commissioning, diagnostics, and condition monitoring services through the use of advanced equipment, qualified engineers, and industry best practices.



Safety First



Precision Testing



Reliable Results



Customer Focus

DELIVERING RELIABILITY THROUGH PRECISION TESTING AND ENGINEERING EXCELLENCE.

# ELECTRICAL ERECTION WORKS AND INFRASTRUCTURE



# SPT

SP TECH ENGINEERING PVT. LTD.

ENGINEERING | EXCELLENCE | COMMITMENT



## OUR SERVICES

- ✓ Erection of switchgear and switch yard equipments
- ✓ Erection upto 765KV
- ✓ Erection of HT / LT equipments, Isolator circuit breaker, Earth switch and CT, PT, CVT, LAS, Surge arrestor, Power Transformer, Distribution transformer, Converted duty transformer, Lighting transformer, LV MV switchgear, Earthing, Battery bank installation, Capacitor Bank Installation, Cable Laying, Cable termination, Cable tray erection, RMU installation, Yard light erection, High mast tower installation
- ✓ CCTV Installation, Fire Alarm Installation
- ✓ Switchyard and Switchgear related civil works



**SWITCHYARD  
ERECTION**



**POWER TRANSFORMER  
INSTALLATION**



**HT / LT SWITCHGEAR  
INSTALLATION**



**CABLE LAYING &  
CABLE TRAY ERECTION**



## ERECTION INFRASTRUCTURE

1 WELDING MACHINE



2 DRILLING MACHINE



3 GRINDING MACHINE



4 HAND TOOLS



5 FERRULE MAKING MACHINE



6 CABLE PULLER



7 INCHING MACHINE



## OUR CORE ERECTION WORKS



**Switchgear &  
Switchyard Erection**



**Transformer  
Installation**



**Isolator, Circuit Breaker,  
CT, PT, CVT, LAS,  
Surge Arrestor Erection**



**Earthing &  
Lightning Protection**



**Battery Bank  
Installation**



**Capacitor Bank  
Installation**



**Cable Laying &  
Termination**



**Cable Tray  
Erection**



**RMU  
Installation**



**Yard Light  
Erection**



**High Mast Tower  
Installation**



**CCTV  
Installation**



**Fire Alarm  
Installation**



**Switchyard & Switchgear  
Related Civil Works**



Keelkattalai,  
Chennai - 600117  
Tamil Nadu, India



9962592447

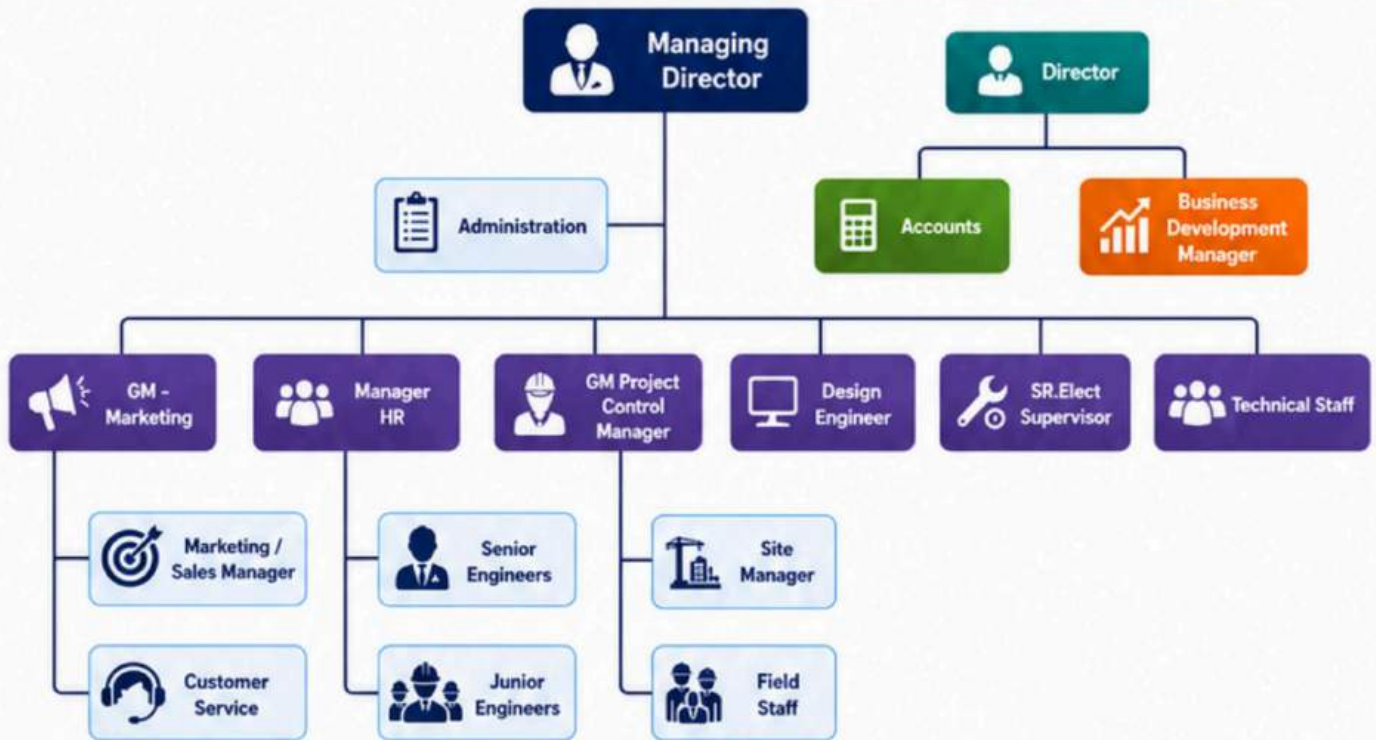


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# MANAGEMENT STRUCTURE & SKILL CHART



## SKILL CHART – ORGANIZATION ROLES

| SKILLS                           | LEADERSHIP & SUPPORT |                |          |          |                              | CORE FUNCTIONS |            |                            | TECHNICAL & OPERATIONS |                     |                 |
|----------------------------------|----------------------|----------------|----------|----------|------------------------------|----------------|------------|----------------------------|------------------------|---------------------|-----------------|
|                                  | Managing Director    | Administration | Director | Accounts | Business Development Manager | GM - Marketing | Manager HR | GM Project Control Manager | Design Engineer        | SR.Elect Supervisor | Technical Staff |
| Strategic Planning & Leadership  | ●●●                  | ●              | ●●       | ●        | ●●                           | ●              | ○          | ●●                         | ●                      | ○                   | ○               |
| Administration & Coordination    | ●●                   | ●●●            | ●●       | ●        | ●                            | ○              | ●          | ●                          | ○                      | ○                   | ○               |
| Finance & Accounts               | ●                    | ●              | ●        | ●●●      | ○                            | ○              | ○          | ○                          | ○                      | ○                   | ○               |
| Business Development & Marketing | ●●                   | ○              | ●●       | ○        | ●●●                          | ●●             | ○          | ●                          | ○                      | ○                   | ○               |
| Human Resource Management        | ●                    | ○              | ○        | ○        | ○                            | ●●●            | ●          | ○                          | ○                      | ○                   | ○               |
| Civil & Structural & Engineering | ●                    | ○              | ●        | ○        | ○                            | ○              | ●●●        | ●●                         | ○                      | ●                   | ●               |
| Project & Planning & Control     | ●●                   | ●              | ●●       | ●        | ●                            | ○              | ●          | ●●●                        | ●●                     | ●                   | ●               |
| Site Management                  | ○                    | ○              | ●        | ○        | ○                            | ○              | ○          | ●                          | ●●●                    | ●                   | ●               |
| Field Operations & Execution     | ○                    | ○              | ○        | ○        | ○                            | ○              | ○          | ●●                         | ●                      | ●●●                 | ●●              |
| Technical Support & Execution    | ●                    | ●●             | ●        | ○        | ●                            | ●●             | ●          | ●                          | ○                      | ○                   | ●               |
| Technical Support & Execution    | ○                    | ○              | ●        | ○        | ○                            | ○              | ○          | ●●                         | ●                      | ●●                  | ●●              |

● Core Strength (High Expertise)
 ● Supporting Strength (Moderate Expertise)
 ○ Limited Strength (Low Involvement)

# OPERATIONAL CONTROL

SP TECH Engineers Pvt. Ltd. is committed to delivering high-quality engineering, installation, maintenance, and manpower solutions that consistently meet customer requirements and industry standards.

Our operational processes are designed to ensure efficient project execution, quality assurance, and customer satisfaction at every stage.

## OUR OPERATIONAL PROCESS



## OUR OPERATIONAL STRENGTH

-  **ADDITIONAL / VARIATION WORKS**  
Any additional or variation works requested by the customer are documented, reviewed and agreed prior to execution to ensure complete transparency and avoid any ambiguity.
-  **COMPUTERIZED ORDER PROCESSING**  
We operate on a computerized order processing and project management system to ensure rapid fulfillment of customer orders and specialty needs.
-  **QUALITY & COMPLIANCE**  
All activities are performed in compliance with applicable standards, specifications, safety regulations and customer requirements.
-  **EXPERT TEAM**  
Our experienced Engineers, Supervisors and Technicians ensure efficient execution and timely delivery of projects with highest quality.



**CUSTOMER FOCUS**  
Understanding and exceeding customer expectations.



**TRANSPARENCY**  
Clear communication and documentation at every step.



**TIMELY DELIVERY**  
Effective planning and control to meet committed schedules.



**CONTINUOUS IMPROVEMENT**  
We continuously monitor and improve our processes to deliver better results.

# QUALITY PROGRAM

SP TECH Engineers Pvt. Ltd. is committed to delivering high-quality engineering and manpower services that consistently meet customer requirements and industry standards.



## DOCUMENTATION

### DOCUMENTATION

The brief of our Company's Quality Program is documented in this profile and may be supported at any point by desk or work instructions that may be selected to increase control of a quality function. Desk or work instructions affecting Quality shall be approved by the Managing Director.



## PLANNING

### PLANNING

The Quality Program is planned to control the provision of services from the requirements of a customer order to include procurement practices, inspection & receipt of supplier material, handling & storage and the service follow-up to the eventual completion of an order from our customer.



## INDOCTRINATION & TRAINING

### INDOCTRINATION AND TRAINING

All of our Company employees will be indoctrinated and trained, as necessary, to assure that suitable proficiency is achieved and maintained throughout our operational systems and services. Training is performed as "On the Job Training" under the direct supervision of the senior management. Procedural changes are implemented by training of any individual(s) affected by the change/s.



## QUALITY OBJECTIVES



### CUSTOMER SATISFACTION

Understand customer needs and consistently deliver quality services that exceed expectations.



### CONTINUOUS IMPROVEMENT

Continuously improve our processes, systems and competencies to enhance overall performance.



### REGULATORY COMPLIANCE

Comply with all applicable statutory, regulatory and contractual requirements at all times.



### SKILLED WORKFORCE

Develop and empower our people through training, teamwork and a culture of quality.



Quality is not an act, it is a commitment embedded in every project we deliver.



QUALITY



INTEGRITY



RELIABILITY



COMMITMENT



# ENVIRONMENT, HEALTH AND SAFETY (EHS) POLICY



# SPT

SP TECH ENGINEERING PVT. LTD.

ENGINEERING | EXCELLENCE | COMMITMENT



SP Tech Engineering Pvt. Ltd. is committed to conducting all business activities in a responsible manner, free from recognized hazards, while protecting the environment, health, and safety of our employees, customers, suppliers, partners, and the community.



We comply with all applicable Environmental, Health, and Safety (EHS) legal requirements and other subscribed standards related to EHS aspects and risks. We continuously implement and improve programs that ensure greater protection and sustainability across all our operations.



We encourage all employees to actively participate in maintaining a safe workplace by reporting environmental, health, and safety concerns and supporting the achievement of our EHS objectives.



We are committed to the prevention of pollution and the conservation of natural resources through sustainable engineering practices, environmentally responsible operations, and efficient manufacturing processes. Our organization strives to reduce, reuse, and recycle waste materials wherever possible.



SP Tech Engineering Pvt. Ltd. is dedicated to the implementation, maintenance, and continual improvement of our EHS Management Systems.



ENVIRONMENT



HEALTH



SAFETY



SAFETY TODAY, SUSTAINABILITY TOMORROW

## OUR KEY EHS STRATEGIES



### EMPLOYEE PROTECTION

We are committed to preventing work-related injuries and illnesses by maintaining a safe, healthy, and secure work environment that supports employee well-being and work-life balance.



### RISK MINIMIZATION

We assess environmental aspects and occupational health and safety risks associated with our operations, activities, and services, and implement effective control measures to prevent adverse impacts.



### ENVIRONMENTAL STEWARDSHIP

We promote the reduction, reuse, and recycling of waste materials, minimize emissions that negatively impact the environment, and conserve natural resources through sustainable practices.



### CONTINUOUS IMPROVEMENT

We establish and review measurable EHS goals and targets to ensure continual improvement in our environmental, health, and safety performance.



### SUSTAINABLE SUPPLY CHAIN

We collaborate with suppliers, customers, and stakeholders to support environmentally responsible solutions and sustainable product development.



### COMMUNITY CONNECTION

We demonstrate responsible EHS leadership by contributing to public safety awareness and supporting initiatives that improve the communities in which we operate.



SP Tech Engineering Pvt. Ltd. remains committed to excellence in Environment, Health, and Safety by integrating EHS principles into every aspect of our business operations.



SAFETY  
STARTS WITH  
TEAMWORK



ASSESS RISK.  
IMPLEMENT  
CONTROL.  
PREVENT HARM.



REDUCE  
REUSE  
RECYCLE



SET GOALS.  
MEASURE.  
IMPROVE.



PARTNER  
FOR A  
SUSTAINABLE  
FUTURE



CARING FOR  
PEOPLE.  
SUPPORTING  
COMMUNITIES.



# TESTING AND COMMISSIONING PROJECTS COMPLETED

— IN LAST YEAR —

| SR. NO. | PROJECT DESCRIPTION                                                                 |                                                                                                                                                                                                    |
|---------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.      |    | Testing and Commissioning of 25MVA Transformers, Motors, LV&MV Panels, Bus duct are successfully Tested and Commissioned in Vedata Lanjigarh Limited around 20 Nos of Substation through ABB India |
| 2.      |    | Testing and Commissioning of 5x830MW Thermal Power Plant at Mundra CGPL site through TATA POWER                                                                                                    |
| 3.      |   | Testing and Commissioning of 33 KV Substation at RIL Jamnagar site through L&T                                                                                                                     |
| 4.      |  | Testing and Commissioning of 5x210MW Thermal Power Plant at TTPS site through ABB India                                                                                                            |
| 5.      |  | Sync panel checking, Multifunctional Transducer, TRF relay, AI, DI card checking, Scheme checking activities at ABB Peenya Bangalore                                                               |
| 6.      |  | Deepak fertilizer petrochemical ltd 22kv power plant 33 kv panels 11 kv panels relay testing ht power transformer testing and commissioning activities l&t mv panel iocl through eng               |
| 7.      |  | Testing and commissioning Activities of AMNS HAZIRA through abb india ltd                                                                                                                          |
| 8.      |  | Testing and commissioning activities of Hindustan zinc limited 11 kv mines substation through abb india ltd                                                                                        |
| 9.      |  | Testing and Commissioning & Annual Maintenance of CDUVDU & FCHCU site at HPCL Visag through L&T                                                                                                    |
| 10.     |  | Erection Testing and commissioning of panels oh HT Panels at NTPC SITE THROUGH TATA Projects ltd                                                                                                   |

- 1 Establishment of 110/22 kV Substation at Kaikalathur**
  - Executed complete civil and electrical works for the 110/22 kV Substation.
- 2 Establishment of Avadi 23/110 kV Substation**
  - Installed 2 × 100 MVA Auto Transformers within the existing Avadi 110/33-11 kV Substation premises.
- 3 Equipment Erection at Thervakandigai 400 kV Substation**
  - Erection of:
    - 2 Nos. of 400 kV Circuit Breakers
    - 4 Nos. of 400 kV Isolators
    - 4-inch Aluminum Bus with MOM Box
    - Associated jumpers, droppers, and related accessories.
- 4 33/11 kV Bay Enhancement at Guduvanchery Substation**
  - Enhanced transformer capacity from 2 × 16 MVA to 2 × 16 MVA + 1 × 8 MVA.
- 5 Transformer Capacity Enhancement at Mathur 110/33-11 kV Substation**
  - Upgraded 110/33 kV transformer capacity from 1 × 25 MVA to 2 × 25 MVA.
- 6 Transformer Capacity Enhancement at Sirungattur 110/33-11 kV Substation**
  - Increased transformer capacity from 2 × 16 MVA to 2 × 25 MVA.
- 7 Transformer Capacity Enhancement at Sriperumbudur SIPCOT 230/110/33-11 kV Substation**
  - Enhanced 110/11 kV transformer capacity from 2 × 16 MVA to 3 × 16 MVA.
- 8 Establishment of 110/22 kV Substation at Erudayampattu**
  - Completed erection and commissioning works for the substation.
- 9 33 kV Transformer Bay Extension at Kumaratchi 33/11 kV Substation**
  - Executed bay extension and associated electrical works.
- 10 110 kV Bay Extension at Veerapuram 230 kV Substation**
  - Provided 110 kV source connectivity to M/s BIOTECH through bay extension works.
- 11 Establishment of 33/11 kV Substations under DDUGJY Scheme**
  - Completed substation projects at:
    - Kurichi
    - Kannady
- 12 Earthing System Improvement under PSDF Scheme**
  - Installed earth pits to improve earth resistance at:
    - Koyambedu 230 kV Substation
    - Arani 110 kV Substation
- 13 Establishment of Veerakudi 110/33-11 kV Substation**
  - Installed:
    - 2 × 16 MVA, 110/33 kV Power Transformers
    - 1 × 10 MVA, 110/11 kV Power Transformer
- 14 Supply and Installation of 30 kVA MV Transformer for NIOT**
  - Supplied, installed, and commissioned a 30 kVA MV Transformer along with control and metering panels.



## PROJECT HIGHLIGHTS



EHV/HV Substation  
Construction and  
Expansion  
(400 kV, 230 kV,  
110 kV, 33 kV,  
and 11 kV)



Transformer  
Erection and  
Capacity  
Enhancement



Switchyard  
Equipment  
Installation



Bay Extension  
Works



Earthing System  
Improvements



Control, Protection  
and Metering  
Systems



Turnkey Civil and  
Electrical  
Execution

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