**Home Page**

**Banner**:

O & M Services - Expertise Man Power with ~~vast~~ relevant Technical Knowledge.

Pre-Commissioning & Commissioning Services - With more than three decades of Rich Experience ~~in this field~~

Performance Test & Energy Audit – Energy optimization of BTG & BOP’s.

~~Energy Consumption of All Equipment is Recorded in Static and Dynamic Mode.~~

Specialised Services – Expertise in Energy Efficiency and Reliability.

~~Our Experts only will handle Specialised Services.~~

**Updates – To be removed.**

**VISION**

To become leader in service provider for Operation and Maintenance of thermal power plant of all types and capacity to achieve maximum plant availability, reliability and optimum performance. This is achieved through clarity in procedures, trained human resource, timely spares planning, maintenance management, health & safety and adherence of environmental requirements.

~~To become a leader in the Power Generation Industry supporting all the leading Power Plants in and around the Countries by undertaking the essential task of Effective Operation and Comprehensive Maintenance of their plants to generate optimum production with proper maintenance ensuring maximum health and safety and with minimal environmental impact.~~

**MISSION**

Knowledge is Power.

Knowledge enrichment of Engineers and Technicians in their working areas to deliver the requirements of the clients in the power plant performance, availability, reliability to ensure their satisfaction.

~~To obtain modern and innovative technologies integrating world renowned maintenance and production optimization methods by involving effective and proficient Human Talents with all kinds of other specialised resources to meet the challenges in achieving the objectives of the Clients’ up to their fullest satisfaction and by adhering the environmental and safety policies of the Global Community.~~

**CORE VALUES**

1. Understanding the client demands.
2. Offering effective tailor made solution.
3. Deploying knowledge based human resources
4. Implementing solution and evaluation.

~~At SPEL, we are committed towards our stakeholders, the Clients, the Employees and the Public at large by upholding the key values of transparency, efficiency, integrity, respect and loyalty.~~

~~To provide the best possible services always by listening and learning from the Clients, by tailoring the Company’s services to Clients specific requirements, by offering effective solutions that incorporate state-of-the-art improvements by field-tested technology and leading-edge working practices, by being truthful in all the Company’s communications and by constantly striving to improve and to meet or exceed their expectations.~~

~~We provide a safe and rewarding working environment for our employees to foster teamwork and mutual respect, that motivates and empowers creativity and innovation and that ensures equal local and international career opportunities.~~

~~SPEL is strictly applying the highest ethical standards, respects and care for the environment and striving to be a good Corporate Citizen.~~

**About the company - To be removed in home page**

**Quality policy & Safety Policy - To be removed in home page**

**HR Policy - To be removed in home page**

**Director Profile - To be removed in home page**

**PROJECTS – Short Link - To be removed in home page**

**OUR SERVICES**

**O & M SERVICES**

Expertise Man power with knowledgeable team Experience.

~~EXPERTISE MAN POWER WITH VAST TECHNICAL KNOWLEDGE IN OPERATION AND MAINTENANCE OF POWER PLANTS, INDUSTRIAL POWER PROJECTS, CHP, AHP AND WTP~~

**PRE COMMISSIONING & COMMISSIONING SERVICES**

System completion Inspection, Preparation of Equipment for Pre Commissioning & Commissioning.

~~PRE COMMISSIONING CHECKS ON PHYSICAL ERECTION COMPLETION AND START UP OPERATIONS WITH EXPERTS IN THE FIELD OF STEAM AND POWER GENERATION~~

**PERFORMANCE TEST AND ENERGY AUDIT**

Performance assortment, Short fall identification and Remedial solution.

~~PROVING DESIGN CONDITIONS AND GUARANTEES OF POWER PLANTS BY OUR EXPERIENCED TEAM. MEASUREMENT OF ENERGY CONSUMPTION OF ALL AUXILIARIES~~

**PERFORMANCE RELATED TROUBLE SHOOTING**

Diagnose of problems, Recommendation, Implementation, Evaluation, System readiness

~~SPECIALISED SERVICES FOR PROBLEM SOLVING, CAPACITY AUGMENTATION, TROUBLE FREE OPERATION, INVENTORY CONTROL, PLANNED MAINTENANCE OF POWER PLANTS.~~

**BOILER START-UP SERVICES**

Preparation for start-up, Boiler start-up, Auto controls, Training and Handing over.

~~SPECIALISED SERVICES FOR PROBLEM SOLVING, CAPACITY AUGMENTATION, TROUBLE FREE OPERATION, INVENTORY CONTROL, PLANNED MAINTENANCE OF POWER PLANTS.~~

**ERECTION SUPERVISION**

Inspection of supply chain, Documentation verification, Erection procedure evaluation, Erection supervision, System completion.

~~SPECIALISED SERVICES FOR PROBLEM SOLVING, CAPACITY AUGMENTATION, TROUBLE FREE OPERATION, INVENTORY CONTROL, PLANNED MAINTENANCE OF POWER PLANTS.~~

**EXPERIENCE AND HUMAN RESOURCES**

|  |  |  |  |
| --- | --- | --- | --- |
| RANGE OF PLANT CAPACITY  **1.25 to 350 MW** | CURRENT PROJECTS  17+ | CLINETS  85+ | SKILLED MAN POWER  750+ |

**TESTIMONIALS - To be removed in home page**

**Quick Enquiry – OK. No change.**

**Monthly performance report - To be removed in home page**

**Articles - To be removed in home page**

**“Add” -** KEY PERFORMANCE INDICATORS (KPI);

1. **Plant load factor**
2. **Plant availability factor**
3. **Plant Heat rate**
4. **Boiler fired Fuel thermal efficiency**
5. **Turbine heat rate**
6. **Auxiliary Power consumption**
7. **Specific fuel consumption**
8. **Specific steam consumption**
9. **Specific combustion air flow**
10. **Specific flue gas flow**
11. **Compressed air consumption.**
12. **Steam fuel ratio.**
13. **Specific power consumption of ID,FD,PA / SA fans**
14. **Raw water & DM water consumption**
15. **Excess air control**
16. **Flue gas temperature leaving at APH.**
17. **Percentage of blow down**

**Clients - To be removed in home page**

**Call us now, Mail us, Vision us – Please change the back ground into very light colour and letter to be dark.**

**About us Page**

**VISION, MISSION, Core Values - To be removed in about us page**

**ABOUT THE COMPANY**

**Corporate Profile**

An ISO 9001:2015 Certified Company

Incorporated in the Year 2013;

SPEL, an ISO 9001:2015 Certified Company, promoted by the Group of Engineers having more than three decades of rich experience in Proposal, Marketing, Project Management, Manufacturing, Erection, Commissioning, Troubleshooting, Operation and Maintenance of Thermal Power Plants of all types & capacities;

Their relevant engineering experience in Industrial boiler, Co – Gen power plants, CPP and Utility plant prompted them to establish this company with an vision to extend their service to the thermal power plants in the core business industries like cement, steel, sugar, pharma industries for their operation and maintenance service and spares needs.

**Objectives**

1. **Commissioning of Equipments as per the SOP.**
2. **Bench marking for Plant performance.**
3. **To execute all preventive, scheduled maintenance**
4. **Adhering the statutory and environmental requirements**
5. **Ensuring the Equipment and Human safety**

OUR BEST SERVICES IN THE YEARS TO COME.

~~An ISO 9001:2015 Certified Company~~

~~Incorporated in the Year 2013;~~

~~SPEL, an ISO 9001:2015 Certified Company, promoted by the Group of young Engineers having more than two decades of rich experience in the fields of Proposal, Marketing, Project Management, Manufacturing, Erection, Commissioning, Troubleshooting, Operation and Maintenance of Thermal Power Plants of various capacities;~~

~~Their vast experience and Engineering back ground in Utility and Industrial thermal power plants prompted them to establish this company with an aim to help industries like cement, steel, sugar, pharma and other captive and co-gen power plants of all industries for their operation and maintenance service and spares needs.~~

**~~Objectives~~**

~~To meet the target fixed by the client~~

~~To maintain the plant in good working condition always~~

~~To execute all scheduled maintenance of each equipment~~

~~To meet statutory requirements to run the plant~~

~~To maintain a clean and safe environment of the plant~~

~~REST ASSURED OF OUR BEST SERVICES EVER & FOREVER.~~

**QUALITY POLICY**

We are committed in meeting customer requirements through continual improvements of our Quality Managements Systems. We shall sustain organizational excellence through timely responsiveness, Quality consciousness, visionary leadership, employees participation and innovative efforts.

**SAFETY POLICY**

We SPEL believe that our business enhancement depends on providing a healthy safe working environment and culture to our employees and we are ensuring optimal utilization of men, machines and resources in contribution to the growth of organization and society.

~~To achieve the said goals SPEL strives of building and continually improving a strong Health, Safety and Environment Management System by,~~

* ~~Understanding the needs and expectation of the Clients’ and Employees~~
* ~~Committing ourselves by taking overall responsibility and accountability for the prevention of work related injury and ill health, as well as provision of safe and healthy work places and activities~~
* ~~Ensuring the integration of HSE management system requirements in to the organization’s business process~~
* ~~Ensuring the resources needed to establish, implement, maintain and improve the HSE management system are available~~
* ~~Communicating the importance of effective HSE management system throughout the organization and contractors if any~~
* ~~Monitoring and evaluating whether the HSE management system achieves its intended outcomes~~
* ~~Developing, leading and promoting a culture in the organization that supports the intended outcomes of the HSE management system~~
* ~~Protecting workers from the reprisals when reporting incidents, hazards, risks and opportunities~~
* ~~Ensuring the organization establishes and implements a process for consultation and participation of workers~~
* ~~Supporting the establishment and functioning of health and safety committees~~

**HR POLICY**

Goals of our HR policies are;

* Acquiring right human resource.
* Providing safe working environment and professional work culture.
* Continuous assessment on skill of employees.
* Providing suitable training to improve their skills
* Retention of employees by providing career growth and recognition.
* Complaints of all statutory requirements.

(To be changed the same in career page also)

~~SPEL is an Agile Organisation implementing strong HR Policies for the benefits of both Employees and the Growth of the Company. SPEL is implementing the HR Policies on Recruitment of Rightly Qualified Resources for the Right Job, Retention of High Performing and Valuable Resources, Training, Development and continual Assessments to promote individual career growth within the Organisation and to increase the overall value of the Organisation, maintaining Safe, Healthy and Stimulating Working Environment, creating the values of great Culture, Integrity, Trust and Inclusiveness.~~

~~SPEL is an Equal Opportunity Employer gives a Professional Environment for the Employees to approach freely within the Organisation and even the Top Level Management by providing inspiration and encouragement for a high level of employee morale through Recognition, Effective Communication and Constant Feedback.~~

~~These services are achieved through a teamwork philosophy that is inspired through effective organizational skills, proactive efforts, and a balance between professionalism and the ability to have fun!~~

**HUMAN RESOURCE – STATUTORY ACTIVITIES**

We comply with the following statutory requirements:

* Employees Provident Fund
* Employees State Insurance for Eligible Employees
* GPA Policy for the Employees who are not covered under ESI
* Bonus and Gratuity
* Labour license
* Professional tax
* Labour welfare fund
* On time Payment of GST & Return filing
* Maintaining the statutory registers at site
* Safety PPEs

**HUMAN RESOURCE – WELFARE ACTIVITIES**

We provide the following facilities to our Employees:

* Guest house for our Employees nearby work site
* Canteen / Mess facility at Guest House
* Safe Drinking water
* To and Fro Transportation facility between Guest House to Work Site
* Uniforms
* Workmen safety PPEs
* Health Check up
* CUG mobile phones
* Performance based Incentives

**OUR TEAM - DIRECTORS PROFILE**

SPEL is promoted and effectively managed by the well qualified and experienced team of DIRECTORS who have a common vision of establishing the Organisation as Globally one of the best in this sector. They are able to acquire many challenging projects with their collective experience and wide contact of leading Industrial Houses. They have achieved highest performances in all their projects by engaging and guiding a team of experts who are all technically sound and experienced in their relevant portfolio.

Mr.B.V.Ramesh – Finance & Business development.

Mr.S.Sivakumar – Technical & Operation.

Mr.P.Thangaraju – Marketing & Business development.

Mr.K.Venkatachalaraja – HR & Manufacturing Service.

**SERVICE CAPABILITIES & EXPERIENCE**

**Services Undertaken**

At SPEL, we undertake the following services in Power Plants for improvements in Energy Generation, Energy Conservation and safety aspects:

* Operation and Maintenance Services of boiler and power plants of all capacities & types (Thermal – IPP, Co-gen & CPP and Combined cycle)
* Boiler & Power plant Pre-commissioning and Commissioning Services
* Boiler & Power plant Energy Audit & Performance Test Services
* Specialized Services like, Boiler startup operation, Performance related Troubleshooting, Evaluation of Key Performance Indicators and Suggestion for improvement
* Technical Manpower support for OEM’s for Commissioning and O&M Service
* Boiler AMC Service of all types – AFBC, CFBC, PC fired, WHRB, Travelling grate & Process boilers
* Project Management of boilers & power plants execution
* Boiler & auxiliary system retrofitting for performance improvement

**BUSINESS INFORMATION**

The company was started to provide comprehensive O & M services by providing experienced, committed and qualified man power to ensure the following important performance factors in the power plant sector,

* Plant availability
* Plant load factor
* Plant Heat Rate
* Auxiliary power consumption

and to provide add on Services such as

* Fuel management
* Ash management
* Water management
* Trouble shooting with root cause analysis

and to help the above industries in inventory management for consumables, wear and tear spares and capital spares.

**AWARDS & ACCOLADES – To be removed in About us page.**

**TESTIMONIALS – To be removed in About us page**

**Performance Page**

**LIST OF CURRENT PROJECTS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Customer Name** | **Plant Capacity** | **Plant Type** | **Boiler Make** | **Boiler Type** | **Boiler Capacity** | **Fuel** | **~~O&M Scope~~**  **Delete this column** |

**Short Link -  ~~Service Category~~**

* [~~SPECIALISED SERVICES~~](http://www.saienergy.com/demo/per-listofcurrent.php?srv=6)
* [~~PERFORMANCE TEST AND ENERGY AUDIT~~](http://www.saienergy.com/demo/per-listofcurrent.php?srv=4)
* [~~PRE COMMISSIONING & COMMISSIONING SERVICES~~](http://www.saienergy.com/demo/per-listofcurrent.php?srv=2)
* [~~O & M SERVICES~~](http://www.saienergy.com/demo/per-listofcurrent.php?srv=1)

List of current project only required for O & M Services.

**Service Capabilities – ok. Short Link - Service Category to be removed.**

**Experience List – All category.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Customer Name | Boiler Capacity | Plant Capacity | ~~Boiler Make~~ | ~~Boiler Type~~ | ~~Plant Type~~ | ~~Fuel~~ | ~~O&M Scope~~ |

**Monthly performance report – To be removed.**

**Articles – To be removed.**

**Service Page**

Short link for the service category to be aligned as the below list.

1. O & M service
2. Pre commissioning and commissioning.
3. Performance test and Energy audit.
4. Specialized Services.

**Product Page**

**Spares**

Boiler Pressure Parts

Boiler Non-Pressure Parts

Rotating Equipments

ESP

~~Spares for Water Treatment plants~~ WTP & ETP

**~~Water Treatement Spares~~ Water Treatment Spares & Consumables**

Membranes Micron Cartridge Filters

Resins Dosing Pumps

~~Electors~~ Ejector Valves

Strainers Laboratory instruments, Glassware and accessories

Flow meters

Ro & UF spares, etc.,

##### Water Treatment Plant and Boiler Chemicals

##### Special Chemicals for Boilers, DM plant, RO plant & Cooling Towers

##### Laboratory Chemicals – (Merck / Qualigens / Rankem)

##### RO – Antiscalant

##### RO – Cleaning chemicals

##### UF – Cleaning chemicals

##### Boiler treatment chemicals – Hydrazine hydrate, Tri Sodium phosphate

##### DM plant chemicals – Morpholine, Caustic soda ~~Flakes~~ and HCL

##### Pre Treatment chemicals – Ferric chloride, Lime, Cationic polymer, Hypo, Alum, and SMBS