

Senthilkumar Sengodan

Lead Engineer - Power Projects - The Kuljian Power Corporation Ltd

Philadelphia, PA - Email me on Indeed: indeed.com/r/Senthilkumar-Sengodan/7eb6307e55ee5a83

WORK EXPERIENCE

Lead Engineer - Power Projects

The Kuljian Power Corporation Ltd - Philadelphia, PA - 2013 to Present

Manages Pre commissioning, commissioning & project completion activities of 2x275mw light / heavy fuel oil unit-based power plants valuing \$800 million.

- Supervises scheduling, project milestones, punch lists, startup testing, and regulatory concerns in collaboration with EPC contractor and project owners.
- Reviewing process, DCS logic, and engineering changes and addresses mechanical, electrical, and I&C issues with respective departments.
- Prepared SOP for construction and commissioning for power plant.
- Implements system, performance, and safety improvements.

Senior Project Manager

ADANI POWER LTD - Mundra, Gujarat - 2009 to 2013

Managed and commissioned a 3300 MW thermal coal-fired power plant valued at \$2 billion.

- Supervised subcontractors and company employees, oversaw project schedule, maintained international reporting protocol for future testing, tuning, and load production, and coordinated vendors and subcontractors.
- Ensured adherence of all workers to proper safety protocols to encourage an accident-free environment.
- Involved in pre bid meetings, resolved warranty disputes, developed company procedures, and trained staff.
- Conducted environmental impact analyses and submitted reports to local authorities.
- Visited China for resolving engineering disputes and inspected major equipments.

Deputy General Manager-Projects

BGR ENERGY SYSTEMS LTD - Mettur, Tamil Nadu - 2008 to 2009

a 600mw thermal coal-fired power plant valued at \$500 million while supervising a team of 150 engineers and 900 workers.

- Involved in pre bid meetings, Analyzed scope of work and reviewed master schedule for the project.
- Developed operational budgets, work instructions, and standard operating procedures.
- Procured materials, attended techno-commercial meetings, and negotiated with vendors.
- Coordinated scheduling of cranes, special tools, and tackles at the erection site.

Construction Manager

TATA PROJECTS LTD - 2007 to 2007

Oversaw the erection of boilers and auxiliaries while ensuring quality per ASME standards.

- Created weekly and monthly schedule reports to present at review meetings with contractors and engineers.
- Utilized MS Project and other software for planning, scheduling, and cost control.
- Supervised fabrication and erection of piping of various classes and grade materials.
- Obtained certifications and clearance of contractor invoices.

General Manager - Projects

IND SYNERGY LTD - Raigarh, MADHYA PRADESH, IN - 2006 to 2007

Managed operations of existing power plant.

- Prepared specification of major equipment for boiler, turbine, cooling tower, conveyor, and auxiliaries for 50mw capacities of power plants.
- Implemented a Quality Management System and developed project master schedule.

General Manager - Power & Projects

Quality Management System - Durg, Chhattisgarh - 2005 to 2006

Managed erection and commissioning of a power plant and developed and executed a Quality Management System.

Manager - Construction

THERMAL SYSTEMS (P) LTD - Hyderabad, Andhra Pradesh - 2004 to 2005

Ensured coordination and submission of drawings and documents for Boiler data booklet from CIB.

- Supervised a team of 50 engineers and 20 contractors to achieve project milestones and ensure timely project completion.

Senior Engineer

BANNARI AMMAN SUGARS LTD - Nanjangud, Karnataka - 1999 to 2004

Inspected boilers and turbines and prepared SOPS for erection, commissioning, operation and maintenance.

- Reviewed manufacturing and erection quality plans and technical data sheets.

Assistant Engineer

DHARANI SUGARS & CHEMICALS LTD - Polur, Tamil Nadu - 1997 to 1999

Contributed to the erection and commissioning of the power plant by reviewing plans and technical data sheets and preparing SOPS.

Erection Engineer

CETHAR VESSELS LTD - Tiruchchirappalli, Tamil Nadu - 1995 to 1997

Managed the fabrication, assembly, and erection of pressure parts, piping, ducts, and rotating equipment.

- Developed project schedule, participated in project review meetings, and implemented QMS.

EDUCATION

Bachelor of Engineering in Mechanical Engineering

ANNAMALAI UNIVERSITY - Chidambaram, Tamil Nadu

Master of Business Administration in International Business Management

BHARATHIAR UNIVERSITY

SKILLS

Power Plant Construction • Commissioning • Quality Management

CERTIFICATIONS

Boiler operation Engineer

April 1999

Boiler operation Engineer

ASME Section VIII Div 1

2013

Boiler Pressure Vessels code

ISO LEAD AUDITOR QMS - ISO 9001:2007
2012