### Peddireddy Shiva Kumar

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Senior maintenance professional with broad experience guiding preventive, predictive, and proactive maintenance of rotating and static equipment in Chemical, Petrochemical, and Oil & Gas industries. Expert at control and planning for T/A, yearly and half yearly shutdowns, opportunity jobs, and campaigns. Keen analytical and investigative skills to recruit, evaluate, and review vendors. Expertise in plant modifications, project execution, Safety Critical Equipment Compliance, and Statutory Compliance. Excellent communication, interpersonal, and presentation skills to translate technical resources for non-technical audiences, consult leadership, and train team members and workmen.

**SKILLS**

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| * Project Management
* Rotating & Static Equipment
* Job Safety Analysis
* Scope for Tender & Estimation
* Safety Compliance
* Documentation
* Piping
* e-PTW
* ISO- QMS/EMS Documentation
* Testing and Inspection
* Selection of equipment’s
* Lifting tools and Tackles testing
 | * Preventive Maintenance
* Maintenance Scheduling
* Root Cause Analysis
* Inventory Logistics
* Report Preparation
* Contract Management
* Training
* Condition Monitoring
* Selection of Suppliers
* Statutory compliances
* Maintenance Management skills
* Utilities Maintenance
 | * Client Relationship Management
* Risk Assessment & Mitigation
* Budgets & Forecasts
* HAZOP Studies & PHA
* Maintenance Planning & Execution
* Spare Parts Management and Inventory
* Projects Execution
* TPM
* Review of technical spec Documents
* Erection/installation and commissioning
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# Professional Experience

**CEGELEC OIL & GAS SERVICES TOTAL EP FPSO,** Luanda, Angola March 2017 – Present

***Mechanical Maintenance / Method Engineer***

* Directed preventive and proactive maintenance of rotating and static equipment Pump, Compressors, DG sets, Gear boxes, Mechanical; Seals, Blowers, Chillers, SRU, WINJ system, Heat Exchangers, Pressure vessels, Cranes, HPU etc.
* Conducted failure analysis and root cause analysis, troubleshooting issues, and ensured working order of rotating and static equipment.
* Evaluated maintenance procedures on a continual basis to update processes and ensure equipment availability.
* Scheduled campaigns and plant shutdowns to minimize production loss and increase maintenance efficiency.
* Tracked inventory, spare parts, equipment, and maintenance trends to ensure sufficient replacement parts are available Review vendor contracts, prices, and requirements to monitor the quality of materials and resources received.
* Coordinate with BV team in Inspection and testing of welding, exchangers, and pressure vessels.
* Coordination for Electronic PTW.
* Training of technical crew.
* **INDIAN ADDITIVES LIMITED, Chennai India** Oct 2008 – March 2017

***Sr. Superintendent - Maintenance***

* Directed maintenance schedules of rotary and static equipment in a joint venture with Chevron – Oronite – Chennai Petroleum Corporation Limited.
* Scheduled maintenance and prepared for shutdowns of Effluent Treatment Plant (ETP) and Reverse Osmosis (RO) plant to optimize resources and production.
* Maintenance of rotary equipment, heat exchangers, steam boilers, thermic fluid heaters, centrifuges, and reactors. Pumps, Compressors, Blowers, Gear boxes, Chillers.
* Maintenance of Static equipment’s.
* Maintenance of Fork lifts, Cranes etc
* Pipe lines election storage tanks, chimneys, rotary equipment, heat exchangers, steam boilers, thermic fluid heaters, centrifuges, and reactors.
* As a Maintenance Team leader coordinate with all stack holder to execute the projects.
* Conducted failure analysis, troubleshot, and maintained pumps, compressors, gear boxes, PAL equipment, agitators, blowers, chillers, and safety critical equipment.
* Authored, delivered, and reviewed tenders to ensure compliance with statutory and legal requirements.
* Worked closely with 6 contractors to ensure performance standards of repairs, installations, painting, welding, and insulation.
* Administered an inventory budget of Spare Parts to ensure the availability of necessary parts and equipment and to decrease plant downtime. Short term and long term spares inventory orders from various OEM
* Trained new team members and contract workmen in maintenance standards, safety requirements, company policies, and project quality.

**ASIAN PEROXIDES LIMITED, SULLURUPET Chennai** Aug 1994 – Oct 2008

***Field Supervisor – Mechanical Maintenance***

* Serviced centrifugal and reciprocating pumps, centrifugal and reciprocating compressors, centrifuges, boilers, reformers, vaporizers, desulphurization beds, PSA, LNG, distillation columns, gear boxes, blowers, fans, valves, and mechanical seals.
* Served as the Safety Department Manager in the absence of the HSE manager and responsible for 300 personnel safety.
* Fabricated and conducted hydro testing and pneumatic testing of pipelines, heat exchangers, and tanks.
* Maintained chillers and de-scaled heat exchangers.
* Condition Monitoring of Rotary and static equipment’s.
* Fabrication of pipe lines-De scaling of heat exchangers.
* Maintenance and servicing of Chillers.

***Additional Professional Experience:***

**Service Engineer,** Bharat Electrical Works, Hyderabad /**Technical Trainee,** ISRO – Shar Centre, SRIHARIKOTA

# Education & Credentials

**Bachelor of Engineering in Mechanical Engineering**, **CIHS**

**Diploma in Mechanical Engineering,** MRAGR GOVERNMENT COLLEGE, VIZAINAGARAM

Awarded “Early Bird” in Suggestion SchemeBest Energy Conserver Reward & Recognition

2nd Class Boiler Certificate▪Level2 Vibration Analysis ▪Level 2 NDT

BOSIET ▪Bright English Certificate ▪Total Golden Rules-12

Non-Electrician Certificate ▪ISO – Internal Auditor

Indian Society for Non-Destructive Testing, Life Member

Scaffolds Safety Training ▪Maintenance Vehicles

First Aid Training – St. John Ambulance ▪ISO 9000 – 2001 & 14001 – 2004

First Aid Fire Fighting, AP Fire Service ▪Safety in Chemical Handling, RLI

PCRA ▪Condition Monitoring ▪Surface Coating – Corrosion Prevention

Internal Auditor for ISO 14001-2004▪ TPM Techniques ▪ Training in HAZOP Study

Testing & Maintenance of Lifting Tackles▪ Advanced Air Handling System- FICCI

Static Electricity & Dust Emission ▪Contract Management

English, Hindi Telugu & Tamil (Portuguese)