

SURESHKUMAR. R

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MECHANICAL SUPERVISOR

Respected Sir/Madam,

In response to your search for the **Mechanical Supervisor**, I have enclosed my resume for your review. My successful experience in **Oil and gas, Power plant, Equipments Erection, Commissioning and Maintenance especially rotating equipment like Pumps, Gas turbine, Gas compressor, Air compressor, steam turbine**, and its **auxiliaries Compressor, Punch list making**, would be a good match for this position. Throughout my career, I have been assigned increasing responsibilities and significantly contributed to corporate growth.

I believe the enclosed resume will portray me as a qualified candidate for your organisation.

I would appreciate the opportunity to meet with you to discuss how my qualifications can meet your needs.

I look forward to your reply.

Sincerely,

R.SURESHKUMAR



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No.75, south2nd street,
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Pin:625601

MECHANICAL SUPERVISOR

PROFILE

Results-driven and well-organized able to combine a unique blend of formal technical education with a solid, hands-on background in the mechanical industry.

PROFESSIONAL EXPERIENCE

Well-qualified professional with more than 12 + years of experience in Mechanical Erection and Commissioning Industry. Expertise in **the Rotating equipments erection & alignment, Site erection supervision and Commissioning activities. Reputation for excellence, integrity and leadership under pressure.**

PROFESSIONAL EXPERTISE

- Act as the **Pre-commission** and **commissioning** mechanical engineer for all **Oil and gas, Gas & Steam Turbines** in the site supervision team.
- Monitor and inspect **mechanical erection/installation/Pre-commissioning and commissioning** activities of the contractor/OEM's/Suppliers.
- Review and approve **installation and pre-commissioning** work method statements.
- Review and approve the proposed mechanical test procedures for materials/equipment/plant to be tested on site by the contractor. Witness such tests and review the related test reports.
- Monitor and verify contractor's progress in the mechanical site works for the purpose of progress payments.
- Attend the regular site coordination meetings with the contractor and Client.
- Responsible for **regular monitoring and reporting commissioning progress**. Prepare the regular progress reports for the site works as required.
- Participate in all projects and company safety programs.
- Review the **mechanical part of the O&M manuals** submitted by the contractors.
- Review the mechanical as-built documents submitted by the contractors.

PROFESSIONAL EMPLOYMENT

PROFILE 1:

Employer : QCON ENGINEERING AND CONSTRUCTION
Role : Mechanical supervisor
Period : February to March 2022
Project : Shutdown short term project with qatar petroleum NGL UNIT.

Responsibilities:

- Check the mechanical **pre-shutdown and post -shutdown** activities within scope including sub systems.
- **Timely planning and execution of work with appropriate man power.**
- Followed the shutdown activities as per QP schedule
- **Qatar petroleum PERMIT HOLDER.**

PROFILE 2:

Employer : GULF ENGG
Role : Mechanical commissioning engineer

Period : SEPTEMBER 2021 to NOVEMBER 2021
Project : GURU GOVIND SINGH REFINERY COMPLEX
Punjab.

Responsibilities:

- Check the mechanical **pre-commissioning and commissioning** activities within project scope including sub systems.
- Oil flushing activity's in cooling systems.
- **As per JSW instructions and based on site situations planning and execute the extruder commissioning activities.**
- Followed the commissioning activities as per JSW schedule.

PROFILE 3:

Employer : V. NARAYANAN CONTRACTOR
Role : Mechanical engineer
Period : NOVEMBER 2020 to AUGUST 2021
Project : 95 MW Valuthur Gas Turbine Combined Cycle Power Plant,
Tamil Nadu Electricity Board, Ramnad

Responsibilities:

- **Timely planning and execution of work with appropriate man power.**
- **Preparation of maintenance activity schedule.**
- **Cooling water pumps(ksb) maintenance done like impeller removal, bearing condition check, impeller run out checks.**
- **Day to day plant maintenance shift activities follow up.**

PROFILE 4:

EMPLOYER :PETROFAC INTERNATIONAL LIMITED
ROLE :MECHANICAL COMMISSIONING SUPERVISOR
PERIOD :APRIL 2019 TO MAY 2020
PROJECT :SULFUR RECOVERY UNIT6X(SRU)

Responsibilities:

- Check the mechanical **pre-commissioning and commissioning** activities within project scope including sub systems.
- **SAUDI ARAMCO ID HOLDER.**
- Prepare the method of statement.
- Oil flushing activity's in cooling systems.
- **Verification of MSDS, checking of material spec on arrival at site for acceptance**
- **Supervise the mechanical activity of rotating equipment alignment inspection, mechanical run test(solo run &coupled run) .**
- **All kind of pumps and static equipments installation and commissioning work done .**
- **Preparation of system testing and turnover document including scoped documents ,test records, test procedures and other similar required documents**
- **Conduct internal final closure inspection.**
- Organize the EPC all commissioning activities as per schedule.
- **Complete testing and Commissioning procedures participate in system turnover walk downs for both Construction and Client turnovers, initiate; track and resolve punch list items for assigned areas for responsibility.**
- Prepare the progress report of the commissioning activities.
- Contractors Submitted commissioning documents review.
- **Review of documents during development of the test procedures and execute of the commissioning to ensure the all such documents are consistent.**

PROFILE 5:

Employer : ESB INTERNATIONAL
Role : Field Commissioning Engineer (GAS Turbine & Auxiliary)
Period : April 2018 to November 2018
Projects : Saudi Electricity Company, Waad al Shamal integrated solar combined cycle Power Plant (1390MW), GE GAS TURBINE FRAME 7.05: 230 MW X 4 UNITS (GE 7FA.05) STG: 470MW X 1(ALSTOM)

Responsibilities:

- Check the mechanical **pre-commissioning and commissioning** activities within project scope including sub systems.
- Prepare the method of statement.
- **Supervise the mechanical activity of rotating equipment alignment inspection, mechanical run test(solo run &coupled run) .**
- **Gas turbine, Gas boost compressor, Air compressor, chiller unit, High pressure pumps, water wash system, Nitrogen generation unit commissioning & maintenance.**
- All system commissioning procedure review & execute which one submitted by vendor.
- As per approved site ITP all commissioning activities to be inspect.
- Co- coordinating with other multi-discipline equipment/existing facilities during the turbine and Auxiliary commissioning activities.
- Follow up Progress with Site punch Lists.
- Prepare the progress report of the commissioning activities.
- Contractors Submitted commissioning documents review.
- Follow up the project progress as per schedule.

PROFILE 6:

Employer : Hyundai Heavy Industries
Role : Mechanical Commissioning Engineer (Steam Turbine & Auxiliary)
Period : December 2015 to June 2017
Projects : Saudi Electricity Company, Shuqaiq Steam Power Plant (4 x 720.5 MW)
Boiler: 2214 T/H X 4 UNITS (MHI) STG: 720.5 MW X 4 UNITS (ALSTOM)

Responsibilities:

- Organize and prepare the **commissioning & maintenance** activities as per the project schedule.
- **Supervising the safe installation and executing mechanical commissioning activities Like the Systems Closed Cooling Water System, Condensate System, Compressed Air System, Feed Water System Turbine Lube Oil System, Service Water System Etc.**
- **Diesel power plant (Wartsila) 7.5MWx3 commissioned.**
- Preparation and Monitoring The mechanical **pre-commissioning , commissioning & maintenance activities** within project scope including sub systems.
- Co- coordinating with other multi-discipline equipment/existing facilities during the turbine and Auxiliary commissioning activities.
- Follow up Progress with Site Peros, Plant Pcs Software and punch Lists.
- Prepare the progress report of the commissioning activities.
- Arrange and Coordinate with Clients After Commissioning for Final Inspection.
- **After commissioning, maintenance activity up to hand over.**

PROFILE 7:

Employer : Hyundai Engineering and Construction
Role : Turbine Commissioning Engineer (Steam Turbine & Auxiliary)
Period : March 2014 to May 2015
Projects : Vietnam Electricity (2x540MW)

Responsibilities:

- Organize and prepare the **commissioning & maintenance** activities as per the project schedule.
- Supervising the **safe installation and executing mechanical turbines commissioning** activities.
- **Supervise the mechanical activity of rotating equipment alignment inspection, mechanical run test(solo run & coupled run) .**
- Monitoring mechanical turbines pre-commissioning and commissioning activities with in project scope including sub systems.
- Co- coordinating with other multi-discipline equipment/existing facilities during the turbines commissioning activities.
- Follow up the punch List register.
- Prepare the progress report of the commissioning activities.
- **After commissioning, maintenance activity up to the hand over.**

PROFILE 8:

Employer : Suryadev Alloys & Power Pvt. Ltd., (160) MW Chennai.
Role : Turbine Engineer (Erection, commissioning and Maintenance)

Period : December 2012 to March 2014.

Responsibilities:

- Co-ordinate with the turbine manufacturer and contractors completed the turbine erection as per schedule.
- **As per suppliers recommendation mechanical run test done for all turbine and pumps.**
- **As per turbine manufacturers procedures followed and pre-commissioning, commissioning & maintenance activities done.**
- **Plant maintenance activities and daily shift activities monitored and controlled.**

PROFILE 9:

Employer : Engenius Erectors Private Limited, Chennai.

Role : Mechanical Engineer

Experience : 2 Years & 6 Months

Period : June 2010 to Dec 2012

Projects : Karnataka Power Corporation Limited 1x500MW capacity Bellary thermal power plant (under BHEL).

Tamil Nadu Electricity Board Corporation Limited 2x600MW Capacity North Chennai Thermal Power plant (under BHEL).

Responsibilities:

- Turbine Commissioning.
- Motor Drive Boiler Feed Pump commissioning & maintenance.
- Turbine Drive Boiler Feed Pump commissioning & maintenance.
- Condensate Extraction Pump commissioning & maintenance.
- Cooling water pump commissioning & maintenance.
- Turbine, Generator Auxiliaries commissioning & maintenance.
- Drawing Verification and Man & Material Management.

PROFILE 10:

Employer : V. NARAYANAN CONTRACTOR

Role : Mechanical supervisor

Experience : 3 Years & 8 Months

Period : August 2003 to March 2007

**Project : 95 MW Valuthur Gas Turbine Combined Cycle Power Plant,
Tamil Nadu Electricity Board, Ramnad.**

This project is a Power generation unit by using **1x60.5 MW GE Frame 6F Gas turbine** and **1x35.1 MW BHEL Steam turbine**. The steam is generated by **1x121.6 TPH HRSG**. The Gas turbine exhaust flue gas recovered heat is transferred to feed water in order to produce steam in HRSG at the three different pressure levels (HP- high pressure, IP- intermitted pressure and LP- low pressure) required by the steam turbine.

Responsibilities:

- Supervising the **mechanical maintenance activities** and **commissioning of 95MW combined Cycle Power Plant having 1x60.5MW GE Gas Turbine, 1x35.1MW BHEL Steam Turbine, 121.6TPH BHEL** makes HRSG and its utilities. Erection and maintenance works of all plant equipments gas and Steam turbines and BOP of plant equipments with co-ordination of maintenance Section.
- Preparation of materials procurement for all power plant equipments.
- Taking effective steps to do jobs for customer satisfaction.
- Timely planning and execution of work with appropriate man power.
- Preparation of **maintenance activity** schedule.

ACADEMIC QUALIFICATION

- **B.E Mechanical Engineering in 2010**
Jayaram College of Engineering & Technology - Trichy
Anna University, Chennai.
- **Diploma in Mechanical Engineering in 2003**
Government Polytechnic College – Aranthangi.
- **S.S.L.C in 2000** Nadar saraswathi Hr school, Theni.

TECHNICAL SKILLS

- Completed **Correspondence Diploma** course on **Industrial safety** in Annamalai University during the Academic year of **2006-2007**.
- Diploma in **AutoCAD**

PERSONAL DETAILS

Fathers Name	: S.Ramasamy
Date of Birth	: 22-05-1985
Sex	: Male
Nationality	: Indian
Languages Known	: Tamil, English & Hindi
Passport#	:M9726049

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and beliefs.

Place :

Date : (SURESHKUMAR.R)