



B. SATHISH

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Thiruvannamalai |Tamil Nadu| India

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Career Objective

I am seeking an opportunity to merge my initiative, enthusiasm, and 9 years of hands-on experience in plant machineries maintenance activities to add value both to the organisation and myself. I aim at expanding my horizons and developing skills in the field of Engineer and to work in a dynamic environment, which provides opportunities for my growth.

Areas of Interest



- TQM
- CNC Troubleshooting
- Project Planning
- Conveyor Maintenance
- Energy saving
- 5S, EOHS
- PLC
- Gearbox and VFD Troubleshooting
- Greenfield project

Education Credential

COURSE	Institute	Year	Percentage
B.Tech (Mechanical Engineering)	Rajasthan Vidyapeeth University, Rajasthan	2015	73.8
Diploma (Mechanical Engineering)	Central Polytechnic College, Chennai	2012	91.73
Class X	Government High School, Villupuram	2008	89.5

**Doing Cost management and accountancy intermediate course in Part time in Institute of Cost Management and Accountancy of India, Tiruchirappalli chapter.

Work experience

Industry	Product	Years of experience	Designations	From	TO
TPI composites, Chennai 	Manufacturer of composite wind blades	2 years	Engineer	1 st of October 2019	Till now
RANE Brake Lining Ltd, Trichy 	OE supplier of friction material Auto components	7 years	Senior Engineer	18 th June 2012	25 th September 2019

Certification

Course	Certified by	Percentage
ISO 9001- 2015 , 45001-2018 &14001-2015 certified internal auditor	TUV	91
5'S certified internal auditor	QCF India	94
Advance Diploma In Hardware Networking	RS Computer Education	99

Computer / Technical Skills

Operating System	Windows 7,8,8.1,10,10.1, Red hot Linux, XP
Software Package	SAP (PM module), QT, MS office, Oracal, Maintwiz

PROFESSIONAL SYNOPSIS:

9 years of Experience in Mechanical and Electrical Maintenance and projects associated with the Global Leading Windmill industry and automotive industry

Roles &Responsibilities: TPI Composites

- Hands on experience on installation of wind mill Blade manufacturing industry machinery such, Heating system(Vestas and Nordex), Power hinges(Hawart and DFS) ,Resin,paste Mixing machines (Tartler& Hedrich) Material handling equipment's(20T EOT cranes ,Jib cranes ,forklifts, machine movers, Web and blade lifting vacuum fixtures) Fabric cutters(Eastman), Fully automated carbon pultrusion machine(AB Inventech) ,Milling machines, High speed saw cutters , Dust collection systems and Vacuum pump
- Playing lead role in R&M Budget preparation ,customised Maintenance software(Maintwiz) implementation, Autonomous maintenance and preventive maintenance implementation , Technicians selections, Capex preparation for maintenance. Resource planning and on time ordering of spare parts to keep inventory under control.
- Responsible for scheduled maintenance of all line machines to fulfilling the KPI (Safety, Technical Availability, 5S,Kaizen)
- Sound Knowledge on i4.0, to digitalize maintenance supporting activities to reduce the manual dependency on data management.
- Drive team towards permanent measures for the line / equipment issues. Driving team to Achieve MTTR and further optimization of scheduled maintenance activities.
- Implement predictive maintenance / Sensor based condition monitoring of machines to minimize untoward failure.
- Finding Training needs among the team, planning and completion of training as per skill matrix requirements.
- Effective internal Escalation as per the hierarchy defined to close loop the topics.
- Strong communication to suppliers on open points, repeated breakdowns for implementing permanent actions.
- Frequently reviewing Maintenance SOP based on current needs to further improve the KPI.
- Preparation of PM reports, Spare part consumption reports, Downtime reports and improvement project reports and the same updating in maintenance software
- Optimize the R&M cost through localization and life enhancing projects
- Integrated management System(IMS) internal auditor for ISO 45001:2018: ISO 9001:2015; ISO14001:2015

Demonstration of leadership :

- Taking charge of the maintenance department during the time of COVID19 lock down and proactively taking decisions and effective planning to run the continuous process industry Safely, without any issues and any Scrap of product due to maintenance (contingency planning of Shift handling , machine maintenance , Spares planning, inhouse fabrication)

COMPANY SYNOPSIS:(Rane brake lining ltd)

Rane Brake Lining Ltd, Trichy Plant is the Leading OE supplier of friction material Auto components and collaborated with NISSHINBO brakes, Japan. RBL 1st group to win the prestigious DEMING GRAND PRIZE award

KEY SKILLS

Experience in Mechanical	Experience in Electrical	Experience in System
Specialized in Hydraulic and Pneumatic controlled equipment like pump, valves, Seals, Actuators	Hands on Experience on programming of Messung PLC 5000 series (Codesys software) and Mitsubishi HMI	TQM way of systematic working approach and documentation of maintenance records. Preventive maintenance, Condition based maintenance, Break down maintenance, Autonomous maintenance, maintenance operator's Skill Management/Development
Hands-on experience in conveyor gearbox (Bonfigly)	variable frequency drive (Mitsubishi and Schneider) maintenance and troubleshooting	Hands-on experience in Target setting (form-2), Planning of tasks (Form-3), Gap analysis and taking countermeasure (Form-4) and self-diagnosis (form-5)
conveyor maintenance, like chain conveyor, roller conveyor, belt conveyor, gravity conveyor and bucket conveyors equipment	Troubleshooting of PLC equipment (Messung 5000 series, Mitsubishi FX series, Science S71200 series and Allen Bradley	Exposure in SAP PM module Spare management, Vendor identification, Negotiation ,follow-up of spares
LM rail, Ball screw, high-speed spindle	Troubleshooting of Servo motors and Drives , SMPS,UPS	Responsible for 5S system implementation in shop floor and maintenance areas
Knowledge on troubleshooting of utility equipment (like the cooling tower, compressor, dust collector, wet scrubber, Etc.)	Troubleshooting of Electric heating ovens , Mould Heating system, Various motor starters like DOL, Star delta	Ensure quality system adhered (IATF16949, TPM, TQM, EMS 14001 &EOHS 18001) through training
Extension of spare life has been done through design improvements & inhouse service	Monitoring the condition of spares to extend life cycle by thermography	Indigenization of imported spares, Local vendor development
Energy saving activities by Compressed air optimization ,Pressure reduction	Energy saving activities by Motor Elimination	Successfully completed EOHS external surveillance audit and 3 years once re certification audit and system Up gradation audit (from 18001 to 45001-2018) with zero NC and no major observation in the first attempt.

ACHIEVEMENTS IN SHOP FLOOR

- Eliminating **line stoppage due to conveyor breakdown due to stacker** by proper TBM.
- Eliminate Product rejection due to PLC error and IP conflict by design modification of Ethernet circuits
- Identify and developing **local vendors** for imported diaphragm pump, valve, Manifold block, and seals which saves R&M **cost** of more than **one lakh per year**.
- Eliminate **Pneumatic tools** Break down by proper CBM.
- **zero oil leakage** in hydraulic press and hence reduce the oil consumption by 210 to 20 Lt per month.
- Improving and sustaining of 5's score of overall maintenance department from 62% to 80%
- Achieved zero MTTR due to want to tool (By tool maintenance management)
- Reduce MBD rejection from 800ppm to 30 ppm through routine maintenance and planning.

Achievements, Awards & Recognition:

Achievements in profession

- **Outstanding Performer** in appraisal reviews
- Got **Global performance award** in commitment category in TIP among 1500 employees
- Successfully completed EOHS external surveillance audit and 3 years once re certification audit and system Up gradation audit (from 18001 to 45001-2018) with zero NC and no major observation in the first attempt.
- Successfully faced and completed NISSHINBO brakes Japan and TMD friction German's process audit and maintenance audit by 100% compliance of both documentation and shop floor equipment conditions.
- National level paper presentation 2nd place in CMA summit 2019
- Winner in state level QCFTI TQM quiz competition etc

Achievements in sports

- Comrades marathon finisher as **represent India** (90KM in Durban, south Africa) in June 2018 & 2017 back to back and **won bronze medal**
- Men's open 75KM category winner (1st place) in Nilgiris ultra-marathon in Dec-2016
- Successfully completed 30+ international marathon events including ultra-marathon(130Km,110 KM,75 KM,50km)
- State level hockey player

Core Competence

Core Values

- Professional, Growth Oriented, Easy Adaptive and Quick Learner.
- Talented, Independent, Responsible, Hardworking and efficient in analytical complex solving issues.
- An extrovert with very good blending capabilities.
- An absolute high resistive team player with good communication skills.
- Ability to deal with a diverse range of cultures and nationalities internationally.
- Highly competent self-motivated, hard-working with the ability to rapidly learn and apply new skills.

Personal Details

Name	B. Sathish		Languages	Tamil, English
Father's Name	A. Babu(late)		Date of Birth	10.07.1992
Sex	Male		Marital Status	Unmarried
Nationality	Indian		Passport No	Z274967
Age	29		Native Place	Tiruvannamalai

Self-declaration:

I hereby declare that the above information given by me is true to the best of my knowledge.