

PRABHAKARAN S

No: 286, PHC Road, Periyar Nagar, Padalur (PO), Perambalur (DT) – 621109

Mobile: +91 9750418276 | Email: Prabhakaraniaf@gmail.com

Seeking secure a position with a well-established OEM organization with a stable environment that will lead to a lasting relationship in the field of **Automotive Industries, Manufacturing Engineering and Heavy Engineering Industries**

Current Designation : TPM Co-Ordinator –LPT ,Operations.
Current Company : CATERPILLAR India Pvt Ltd
Total Experience : 3 year 6 month
Date of Birth / Gender : 29 May 1994 / 24Years / Male
Marital Status : UnMarried
Highest Degree : B.E (Mechanical Engineering)
College : Anna University, Chennai, UCE - Thirukkuvalai
Current Location : Thiruvallur

Functional Area :Production / Manufacturing / Material Handling /Quality
Industry: Auto/Auto Ancillary/Heavy Engineering/Industrial Products.

CORE KEY COMPETENCY

TECHNICAL KNOWLEDGE FORTE

- ✧ Lean Manufacturing Tools (5S,TPM, Kaizen, OEE, Six sigma losses, waste Elimination)
- ✧ Good Leadership skill, Good Team Building Qualities, Manpower management, People Development, Multiskilling, Multitasking ect...
- ✧ Obtained Adequate Knowledge of Operating and Setting of CNC,SPM,Conventional Machines, Conventional machines as Lathe, Milling, All types of Drilling and grinding machines (OD , ID, Match Grinding).

ADMINISTRATIVE KNOWLEDGE FORTE

- ✧ TPM – Depth knowledge of deploying 7pillars of TPM and define the strategy for Losses elimination through OEE and OPE formulas and execution of Maintenance strategy.
- ✧ CaterpillarProductionSystem(CPS) – Obtained Knowledge3sub system and 15 Guiding principals of CPS
- ✧ 8 Type of waste (Defects, Over Production & Processing, Inventory, Waiting, Excess Motion)
- ✧ Quality Control Tools (Parato,Isikawa,Scatter,Histogram,check,Control chart,Stratification)

Academic details

Qualification	Institution	Year of passing	Percentage
B.E., Mechanical Engineering	Anna University: Chennai, University College of Engineering, Thirukkuvalai Campus	2011 – 2015	72 (CGPA)
HSC	Dhanalaskmi Srinivasan Higher Secondary School, Perambalur	2011	82 %
SSLC	Government Higher Secondary School, Padalur	2009	86 %

IT CREDENTIELS:

- ✧ Excel in All version – Pivot table, Dash board, Charts, Trend Lines, etc...,
- ✧ Excel Formulas (V lookup, Formatting Condition, Drop down list, Data Validation, Etc.....)
- ✧ Strong Knowledge on Presentation Skills (Power Point Presentation, Word, Excel Advanced)
- ✧ Basic SAP server knowledge

EXPERIENCE FORTE

1. Caterpillar India Pvt Ltd, Chennai. – TPM - Assistant – Axle Machining (LPT).

May 2017 to Till Date – 1.5Years – www.caterpillar.com

Caterpillar is the world's leading manufacturer of Automotive, construction and mining equipment, diesel and natural gas engines, industrial turbines and diesel-electric locomotives. They are also a leading financial services provider through Caterpillar Financial Services. Caterpillar products and components are manufactured 110 facilities worldwide. 51 plants are located in the United States and 59 overseas plants are located all over world.

Duties & Responsibilities:

- ✧ Responsible and Tracking Overall Equipment Effectiveness (OEE) and Achieved 80%
- ✧ SAP Server Knowledge (Stock Checking, Stock Exchange, Quality Rejection)
- ✧ Deeply monitor Availability Loss, Performance Loss, Quality Loss on Daily basic
- ✧ One of the Active Participant in TPM Activities (JISHU HOSEN, Kaizen)
- ✧ Responsible for Daily Production Coverage for Internal Costumer
- ✧ Responsible For 5S, Break down, Material Shortage, etc. in Production line
- ✧ Responsible to TPT – Through Put Time Calculation (SOL to EOL)
- ✧ Tracking Statistical Process Control Chart (SPC) Values,
- ✧ Learning: RCCA, Quality alert, TEEP, FMEA

Accomplishment:

- ⌘ Held as TPM Assistant and Deploy TPM Strategy as holistic way and Successfully achieved 83% OEE From 69% and achieve cost savings \$250k for the year of 2018.
- ⌘ One of the OEE's Part – Performance Losses reduced 500 hrs./Day to 25 Hrs./Day
- ⌘ Manpower average Outputs Hrs increased 6.5 Hrs from 5 Hrs through KK strategy and GEMBA Validation
- ⌘ Parts Coverage Tracking Sheet Modified through Macro In Excel

Auditing Knowledge:

- ⌘ **EMS Audit (ISO 14001, 2015)**: Aspect & Impact List, SSPD Score, Obejective and Targets, OCP prepared, Contamination Category,
- ⌘ **OHASAS (ISO 18001, 2007)** : Emergency Preparedness Layout, MSDS, Risk Identification and its Action (Elimination, Engineering Control, SWS, Training), SFMEA, Skill Matrix Prepared,

2. Delphi TVS Diesel systems Limited, Chennai. – TPM Assistant & Quality Analyst – Machining Division. Mar 2016 to May 2017 – 1 Years 2months

Duties & Responsibilities:

- ⌘ Responsible for Productivity(**P**), Quality(**Q**), Cost(**C**), Velocity(**V**), Safety(**S**), Moral(**M**)
- ⌘ Responsible for Updating of DRM, PTC, PTM, OLE and OEE calculation and entry Process. (Calculations of OEE = Availability rate * Performance rate * Quality rate)
- ⌘ Responsible for Rejection, Scrap entry on SAP and Rework plan to reduce scrap cost.
- ⌘ Responsible for 100% Calibration adherence for all line gauges in weekly basis. (Snap gauges, Magnetic v block, Height block, Dial gauges like DPAQ, DPBQ, DPCQ, Liver dial, Venire gauges, Plug gauges, Lot of GO/NOGO gauges, Flash pin depth gauges,
- ⌘ Preparing Daily Loss and OPP information for Management Review.
- ⌘ Responsible for 3 shift Manpower Planning, Operator Attendance, Performance Tracking
- ⌘ Responsible for SOP sheet, PMC, CLI, Safety check points, why ok, POKA YOKE.

Accomplishment:

- ⌘ 100 % Gauge Adherence for Specific Calibration time
- ⌘ Scrap Reduction has been done (65 % reduction from Yearly Average Scrap)
- ⌘ Supplier Quality Issue Identification & Quantity Transport Issues Eliminated
- ⌘ Production Rate improved to Bottleneck machine
- ⌘ Inventory Checking time reduced due to Excel Formatting Created
- ⌘ Excess Scattering Materials(Scrap) Eliminated due to Waste Walk

3. Greaves Cotton Ltd, Gummudipoondi. – Assembly Leader, SAP inbound Officer.
May 2015 to Feb 2016 – 8 Month

Duties & Responsibilities:

- ⌘ **SAP Server** as a beginner (100 days) {Gate Entry, RSN, Quality Clearance, SIT, Material posting}
- ⌘ Petrol Engine assembly
- ⌘ Petrol and multi fuel engine testing
- ⌘ Power Weeder, Power Driller Assembly & Testing as per Monthly Plan
- ⌘ Reworking Power Weeder Planning And Final Checking
- ⌘ Supervising Paint Plant For Engine Cover, Top and Bottom Guards painting

Extra-Curricular Achievements:

- ⌘ Secured **GOLD** medal in **All India invitational Yoga Sana Championship 2013**
 - ⌘ Secured Two times **FIRST** position in **Zonal Tournament Athletics** in 2013 & 2014
 - ⌘ Secured Two **RUNNER** and One **WINNER** medals in **Zonal** 2012 ,2013 & 2014 for Kho –Kho
 - ⌘ Finally, Secured **Championship Trophy of the year 2015** under my captaincy
 - ⌘ Got **Bodiyam Finisher Award** (Top 10) on Triathlon in **2016**
 - ⌘ State Level Player for **Silambam** (Art of defence) in March **2017& 2018**
 - ⌘ Completed **HALF IRON MAN (Triathlon)** With in 8hrs in **2017**
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