

S. PUSHPANATHAN

Manufacturing & Production Planning / Project Management.

Scaling new heights of success with hard work & dedication and leaving a mark of excellence on each step; targeting senior level assignments with a leading organization of high repute.



Personal Details

Date of Birth:03-Jun-1975

Languages Known : Tamil, English, Hindi

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Profile Summary

- A competent professional with **23 years** of experience that reflects pioneering expertise & year-on-year success in Production Planning, Manufacturing Operations, Project Management, Process Improvement and Logistics.
- Expertise in areas of Plant Operations & Management, Shop Floor Management, Planning & Production and Business Development,
- Proven record of managing Plant or Factory Operations including Large Unit Machine Shop Skills / Shop Floor Management (Automotive Equipment, General Machine Components, Bulk Materials)& Customized, Sheet Metal & Heavy fabrication.
- Familiar with machine shop handling & heavy fabrication, including sheet metal fabrication and press shop handling
- Capability to manage different types of machinery including, SPM, CNC, Capstan, Turret, Heavy Truth Lathe, HBM, Controllers Grinding, Power and Hydraulic Press, Press Brake for Bending, Shearing, Rolling Machine
- Leveraged efforts in implementing Quality Management Processes; knowledge in ISO 9001, ISO 14001 & OSHAS, 5S & Safety
- Knowledge of Heat Treatment Processes (Direct Hardening/ Case Hardening/ Surface Hardening or Induction Hardening), Forging/Pattern/Casing, Ferrous/Non-Ferrous Material and Welding (SMAW, MIG, TIG)
- Attained cost savings across assignments and minimizing performance bottlenecks for achieving high productivity with optimization of men, material and machine
- A keen performer with experience in managing procurement operations with key focus on top-line & bottom-line profitability by ensuring optimal utilization of resources

Career Timeline

- **M/S. Kowski Tools & Autocom Industries & Engineers – Chennai – Production Engineer – 1997 to 1999.**
- **M/S. T.N.S. HEAVY Engineering pvt. Ltd., Ambattur, Chennai – Asst. Manager - 1999 to 2007.**
- **M/S. Dalmia Laminators Ltd., Gummidipundi – Chennai - Asst. Manager - 2007.**
- **M/S. Larsen & Toubro Ltd (L&T), Pondicherry & Greater Noida – Head of Manufacturing – 2007 to 2018.**
- **M/S. Steel 1 India pvt. Ltd. Ranipet. – AGM - Head of Manufacturing - 2018 to 2019.**
- **M/S. Spyro International, Bangalore -DGM – Head of Manufacturing – 2019 to till .**

Core Competencies

Factory Management / Production Management (Planning & Production Scheduling)

**Lean / Agile Manufacturing
Heavy Machine shop & Laser & Press shop**

Products / Vendor Development

Material Management / Purchasing & Procurement

Process Improvement Methodology

Heavy & Light Fabrication (Customized, Sheet Metal, Structural & General)

Capacity Planning / Manpower Management

Cost Control & Optimisation

Inventory Management

Forecasting / Budgeting

Notable Accomplishments

Spyro International

- Achieved UV Light Disinfection Robots (1 month)
- Achieved Structural Steel Development for Client in Oman
- Achieved Stainless Steel Product delivery worth 500mt

Steel 1

- Achieved 4500mt of Steel Structure completed within 5 months as per the target; led the project and completed within stipulated time period
- Managed 300 manpower (Shop floor & subcontractors) in different areas

Larsen & Toubro

- Rated Top Performer from 2011-12 to 2016-17 (6 Years)
- Introduced the new process of Induction Hardening with 1.5mm case depth; saved time, cost and eliminated one process
- Steered Process Development by avoiding Case Hardening & Grinding Process in Pin for Re-claimer & Bucket Elevator Chain
- Designed Oval shaped Gang Form comprising 28 segments' having dimensions of 38MtrW by 50MtrH was fabricated
- Worked at BIAL Project on Special Deputation for technical assistance in fabricated & erecting of steel structures
- Fabricated different types of critical Mold of Precast, I Girder, U Girder, Column, Wing types & Track Testing Crash Barrier
- Achieved in-plant cost savings of approximately INR 75 lakhs during period 2015-2016 at Steel Service Centre
- Attained in-plant cost saving of 9 lakhs for Refurbishing of Automatic Rebar Machinery in 2017
- Developed high quality Hollow Blade (a spare part to the Stirrup machine) near equal vent to the Original Product at 50% the original cost
- Developed a Special Feeding & Measuring Wheels for measuring a size of Stirrup Rings, near equal vent to the original product at a cost effective price.

Organizational

Aug'19 till date: Spyro International, Bangalore.

Manufacturing Head / Dy. General Manager.

Products:

- Customized Product Development & Fabrication – UV Light Disinfection Robots, UV Trolley Disinfecting System.
- Stainless Steel Product Development – Hospitals, Metro Rails.
- General Fabrication & Shop Floor of Laser, Bending & SS & MS Fabrication.
- Product Development & Fabrication - Structural Steel (Oman)
- Sound Proof Enclosure of Generator & E.B. Panels & Battery Covers for Motors.

Responsibilities:

- Leading the entire manufacturing team with monthly target; interacting with Project Planning function and executing the monthly, weekly & daily production plan
- Reviewing all manufacturing process and optimizing them with the support of Engineering Function; Key Core Member for Technical Review Team
- Devising production plans and administration of production control to strictly adhere to time schedule, quality control and productivity management
- Improving operational efficiency by enhancing capacity utilization, reducing process rejections & non-value-added activities, and logistics improvements
- Establishing internal controls for achieving higher operational efficiency, resource rationalization and cost reduction
- Ensuring proper production monitoring and controlling system to achieve 100% production hit ratio and effective utilization of available resources
- Analysing and initiating necessary action to improve the production value; ensuring 100% adherence of process standards and implementation of all corrective action
- Conforming to quality requirement and zero defects test for all finished products
- Manage Engineering Department operating expense budget.
- Establish scientific and technical goals working with upper management and customers.
- Train and develop Engineering staff on professional grounds.
- Oversee technical aspect for Process Safety Management and Environmental Compliance.

Jul'18 to Aug'19: Steel 1 India Pvt. Ltd. (Arcelor Mittal Group), Ranipet, Tamil Nadu as Manufacturing Head / Asst. General Manager

Products:

- Customized Fabrication – Power Sector, Auto motive Components.
- Structure Fabrication – Power Sector, Railway Bridges, Airport
- General Fabrication
- Radiator Guard Assy – Caterpillar
- Trailer Parts – Bombardier.

Responsibilities:

- Leading the entire manufacturing team with monthly target; interacting with Project Planning function and executing the monthly, weekly & daily production plan
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Oct'07 – Jul'18: Larsen & Toubro Ltd., Chennai(L & T Construction – B&F IC)

Growth Path:

Oct'07 to Sep'14: Department Head – Pondicherry

Oct'14 to Jul'18: Manufacturing Head – Greater Noida

Responsibilities:

- Performed Major Fabrication & Machining of products for Cement, Steel & Paper industries, Metro Station & General Fabrication
- Performed Major Fabrication & Machining of products for Cement, Steel & Paper industries, Metro Station & General Fabrication
- Supervised manufacturing and maintenance of major equipment like Buckets, Swing Gearbox, Planetary Gear, Spline Shafts and Pinion, Hydraulic Cylinders, and Hydraulic Pumps for earth moving equipment like Poclain, Dumper, and Shovel
- Effectuated fabrication of customized items & structures, general fabrication of different customers, fabrication of sheet metals components, heavy duty column molds, girders, and precast bed molds
- Led the Steel Service Centre at Greater Noida for making of Reinforcement TMT Rods Cut & Bends; enforced quality assurance, identification and traceability of materials, troubleshooting, and root cause analysis
- Ensured maintenance of HSE policies for ISO 9001, ISO 140001 & OSHAS

Trainings

Mar'07 to Aug'07: Dalmia Laminators Ltd., Gummidipundi, (Near Chennai) as Asst. Manager (Manufacturing & Production)

Responsibilities:

- Executed manufacturing of spares for heavy machinery, heavy fabrication, product manufacturing & assembly for national supply and globally
- Manufactured spares for Bulk Materials Handling Equipment, Earth Moving Equipment, and Equipment used in Cement industry

Jun'99 to Feb'07: T.N.S. Heavy Engineering Pvt. Ltd., Ambattur, Chennai

Growth Path:

Jun'99 – Feb'02: Production Engineer

Feb'02 – Feb'04: Senior Engineer

Mar'04 – Feb'07: Asst. Manager

Responsibilities:

- Executed fabrication & machining of products for Cement, Steel & Paper industries
- Administered manufacturing of Separators, Classifier Cage Wheel, Conveyers & Pulleys, different types of Conveyors, Chains Assembly with Buckets and DBC Rollers, Kiln Shell, Kiln Support Rollers, Hammer Crusher Unit, Rotary Air Seal Unit
- Ensured maintenance of major equipment like Swing Gearbox, Planetary Gear, Spline Shafts and Pinion, Boom, Till, Tick, Stick Cylinders, and Hydraulic Pumps for earth moving equipment like Poclain, Dumper, and Shovel
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Nov'97 to Jun'99: Kowski Tools & Autocom Industries & Engineers, Chennai as Production Engineer

Academic Details

- **MBA Project Management** by Alagappa University, Tamil Nadu in 2010
- **BE in Mechanical Engineering** from Arulmigu Meenakshi Amman College of Engineering, Kanchipuram, Tamil Nadu in 1997

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