**SHIVAM SINGHAL**

Production Manufacturing Engineer

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***Seeking middle level assignments in Mechanical Engineering with a growth oriented***

***Organization.***

**PROFESSIONAL PROFILE**

* Mechanical Engineering Graduate with 1 year 10+ Month of experience in Production and Manufacturing assessment. Currently working in **Panasonic Life Solution India Pvt**. **Ltd.** (Formerly Known as Anchor Electricals Pvt. Ltd.). Under which have implemented a next cell methodologies to reduce cost of process & high quality in BU.
* Hands on experience on Kanban System Design, Commissioning, Execution, and Maintenance whilst maintaining optimal Lead Time.
* Good communication & interpersonal skills and strong commitment to the profession.

**JOB RESPONSILBILITY AND FUNCTIONS**

**Production Operations:**

* Analyse existing production process and streamlining them to facilitate greater production output by identifying bottlenecks and eliminate them.
* Networking with cross functional groups (Engineering, Material management, Quality) in order to achieve objective.
* Design new fixture for Assembly & Riveting process.
* Completing all production entries by using software Oracle.
* Time and motion study for increasing efficiency and productivity (Line balancing).
* Plan and schedule the meetings with all team members for different activities that are relevant to the production.
* Handling a large team of man power approx. 3 Line Leaders and 112 nos of operators.
* Ensuring the safest working environment possible for Operators.

**Quality Control:**

* Implemented measures for smooth operational support by using 7 QC TOOLS & Kaizen technique.
* Prepared Standard operating procedure (SOP) and Work instruction (WI)
* Defect Analysis of daily rejection and implementing corrective & preventive action in order to reduce the cost of Quality.

**Production control data:**

* Process cost calculation product wise on monthly basis.
* Prepare Daily Efficiency Report, Analysis with action plan.
* Man time monitoring with actions
* Plane VS Achievement daily monitoring
* Maintains shift worker’s attendance and rearrange shift operators

**Process Enhancement/ Cost Control:**

* Identified scope for implementation & monitoring of technological changes to enhance productivity.
* Regular Audits and Gemba checks for daily Kaizens improvement activity.
* Application Next Cell concept of Panasonic and plan Audits for checks and improvement via this concept.
* To lead by example every time passive approach kicks in for any improvement activity.

**ACHIEVEMENTS AND AWARDS**

* Snapshot for Achievements: Single Piece Flow achieved in a line & Line balancing, Total Manpower Saved via Productivity Improvement: 8 (4+2+2) Nos.

**PROJECTS HANDLED**

* **Reduce Non – Regulated loses (NRL)** from 12.56 % to 5.12 %

**Role -** Leader

**Problem -** High Non-regulated loss lead to High process cost

**Key Tools -** Gemba checks, fixed changeover time, Proper education to new manpower, Hourly data check, change data recording format.

**Award**: Converted the whole concept in QC story and won 2nd Prize in Plant Convention

* **Productivity Improvement –** Increase assembly productivity by 30 %

**Role -** CFT Leader Member

**Problem -** Monthly plan not achieving.

**Key Tools -** Gemba checks, 4M analysis, Why-why analysis, SOCT, Line balancing, PDCA cycle

**Results -** Did semi automation and merge two process, Increases productivity by 32 %

**Awards** - Converted the whole concept in QC story and won 1st Prize in HO Convention,

Bronze award in Japan Convention.

**COMPUTATIONAL SKILLS**

* ERP-Oracle
* Proficient in MS Excel, MS PowerPoint & MS Word
* Certified Course of Catia, Ansys.
* Operating Systems: Windows XP, 7 and 8.

**TRAININGS**

* Process cost.
* Productivity Improvement
* Kiken Yochi Training (Safety Training by Japanese)
* 7 QC Tools Training
* Presentation skills
* KANBAN System
* COCT & SOCT ( Line balancing )
* Manufacturing assessment

**ACADEMIA**

Bachelor in Mechanical Engineering. COER (UTU, UK) 2013-2017

12th D.A.V Public School (CBSE) 2013

10th D.A.V Public School (CBSE) 2011

**ACADEMIC ACHIEVEMENTS**

* Second runner-up in ATV organized by Auto Sports INDIA at Bhubaneswar.
* Third runner-up in Quiz organized by SAE.

**PERSONAL DETAILS**

Date of Birth : 19th JANUARY 1995

Permanent Address : House No. 01/01, Pardeep Vihar, Galera Chowk, Saharanpur (UP)

Pin Code: 247001

Present Location : HARIDWAR (UTTRAKHAND)

I declare that the above information is true to the best of my knowledge.

**(Shivam Singhal)**