**D.VIVEKANANDHAN**

**5 years’ experience**



103, G.S.Colony (post) , Anthiyur (TK) , Erode (Dt)

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**CAREER OBJECTIVE**

To work in a competitive environment and to give excellent performance in whatever jobs assigned

**EXPERIENCE**

**Amma Alloys India Pvt. Ltd *April'14 - April'15*****Engineer trainee – 1 Year**

1.Final inspection,

2.Dock audit,

3.First In First Out follow up

4.5s maintenance follow up

**Elkayem Auto Ancillaries Pvt. Ltd  *June'15 - Till date***

**Production Engineering Development - 4 Years**

1.Flow manufacturing

2.Capacity assessment

3.Cycle time reduction

4.Takt time analysis

5.OEE analysis

6.SMED analysis.

7.Process audit, IQA, QMS/QSR audit

8.Review and updating of manufacturing documents (PFMEA, CP, WI)

9.CFT discussion & Co-ordination

10.Continual Improvement Project - 8 Projects/quarter

11..MRM presentation preparation

12.Preparation of VCS, Welding sequence, Safety instructions, Pictorial WI

13.5s implementation and educating others

14.Material handling audit & Material handling capacity improvement

15.Responsible for CAPA sustenance monitoring

16.Responsible for Process validation (MIG welding, Spot welding, Pressing)

17.Responsible for NVA elimination

18.Responsible for data analysis of investment and return on investment

**EDUCATION**

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| --- | --- | --- | --- | --- |
| **Course** | **Board/University** | **Institution** | **Year of passing** | **Marks (%)** |
| BE. MECHANICAL | Anna Univercity,Chennai | Erode Builder Educational Trust. Kangeyam | 2014 | 69.1% |
| HSC | Board of higher secondary education | Adharsh Vidhyalaya Higher Secondary School | 2010 | 76.5% |
| SSLC | State Board | St. Michael’s High school ,Michael palayam. | 2008 | 82% |

**TECHNICAL SKILLS**

Knowledge on IATF 16949:2016

Internal Auditing skills

Core tools of APQP,PPAP,SPC,MSA

**PROJECTS**

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| --- | --- | --- | --- |
| **Project Titles** | **Problem / Improvement** | **How** | **Benefit** |
| Automation From:23.05.18 To:30.08.18 | Part name: Rotor shaft Model:30 B & 42 B Centralized  Problem: Need manual welding because minimum of the flange inner width. Improvement: Welding operation changed From manual welding to SPM welding. Required mandays-3shift | 1.New fixture design was made (control plate) 2.Design approval was carried out 3.Discussion was made about fixture manufacturing and quotation 4.To get approval for the Quotation 5.To release the PO 6.Fixture manufacturing 7.Fixture received from supplier 8.Fixture calibration was done 9.Trial production was carried out  10.Regular production will be start and to be monitored | 1.One Welder requirement was eliminated for this component (32B & 40 B centralized) 2.Cost savings Rs.26460/year |
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| **Project Titles** | **Problem / Improvement** | **How** | **Benefit** |
| Process Improvement From:01.11.18 To:07.12.18 | Product name:N112 swing arm  Process name:Hole piercing , M6 bush tack welding Oppurtunity:Form drilling | 1.Form drilling tool was purchased 2.Trial was taken  3.validate the process 4.Machine was purchased 5.Mas production was started | 1.Process cost reduced  Cost saved /comp-  Rs.1,34,400 /year |
| Productivity improvement From:11.2.19 To:15.02.19 | Location :Weld shop Cell name: Baghook Opportunity :Productivity improvement Existing output:1200 nos/shift | 1.Motion study was done 2.Man idle time was eliminated 3.Welding sequence was changed 4.Fixture setup was splitted (Per welder -tack welding fixture and full welding) 3.Output was standardized-1900 nos /shift | 1.Output increased from 1200 nos to 1900 nos/shift 2.One setter was eliminated for this process 2.Cost savings- Rs.4,94,976/year |

**ACHIEVEMENTS & AWARDS**

As per IATF 16949:2016 certified auditor

**INTERESTS**

Engineering Department

New product Development

**ACTIVITIES**

Continual improvement project Co-ordination with 7 department and reporting to management

Process validation (MIG welding, Spot welding, Pressing)

Process audit

**PERSONAL STRENGTHS**

Self confidence, Hard work, Helping tendency

**PERSONAL PROFILE**

Date of Birth : 09/09/1993

Marital Status : Single

Nationality : Indian

Known Languages : English, Tamil

**DECLARATION**

I hear by declare that the above furnished information is true to the best of my knowledge

Date : 08/10/2019

Place : Hosur

D. VIVEKANANDHAN