

“What a Person’s mind can  
conceive & believe,  
it can achieve!”

*Share & Care*

*July - 2018*

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# Top Performers



15<sup>th</sup> Annual South Zone **Quality Circle** Competition

Company

Samvardhana motherson,  
Chennai

Coordinated by

Mr. Chenthil T & Team

Top Performers

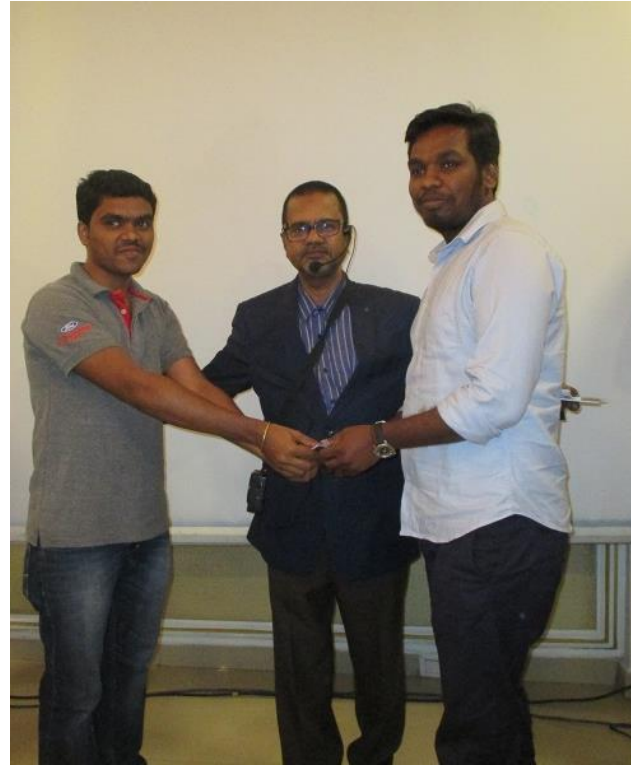
Winner – MATE III Telecom Chennai

-

Focused Improvements

Runner – MATE Pondy -  
Challenger

# Top Performers



## Workshop on

Auditing the Automotive Core Tools (as per IATF 16949:2016)

Company

Comstar Automotive Technologies  
Pvt Ltd,  
Chennai

Coordinated by

Mr. Rajmohan & Team

Top Performers

Mr. Karthikeyan P L,

Mr. Ameer John S &

Mr. Arun C

# Top Performers



## Workshop on

APQP & PPAP (as per IATF 16949:2016) with a focus on CSR

Company

Pricol Ltd,  
Coimbatore

Coordinated by

Mr. Shyam sundhar R & Team

Top Performers

Mr. Ajeeth Kumar T,

Mr. Siva Prasanth P,

Mr. Bala Kumar P &

Mr. Mohan K

# Top Performers



## Workshop on

## Process Failure Mode and Effects Analysis (PFMEA)

Company

Mobis India Limited,  
Chennai

Coordinated by  
Mr. Rajasekar & Team

Top Performers

Mr. Vinoth Kumar E of Mobis India Ltd,  
Mr. Johnrockiyaraj M of HSI Automotives,  
Mr. Venkatesan V of NIFCO South India &  
Mr. Navaneetha Krishnan L of Mobis India Ltd



# Top Performers



**Workshop on**

**Analytical Tools for Improvements Implementation**

Company

Royal Enfield

Chennai

Coordinated by

Mr. Jove Lovely Raj & Team

Top Performers

Mr. Sachin Deora &

Mr. Ashwin Baghya

# Top Performers

Company

Wheels India - Sriperumbudur



Coordinated by

Mr. Ramalingam & Team

Top Performers

Mr. Karthikeyan L &

Mr. Ramalingam S

**Workshop on**

**Automotive QMS – IATF 16949:2016**



# Top Performers



**Workshop on**

**6S Work Place Management ( WPM )**

Company

Howden Solyvent India Pvt  
Ltd - Chennai

Coordinated by

Mr. Rubbesh kumar & Team

Top Performers

Mr. Poovelan V &

Mr. Balaraman M

# Top Performers

Company

Public Program - Chennai

Coordinated by

Sri Padhmam & Team

Top Performers

Mr. Subramanian V of Rams Engineering

Industries

Mr. Bala Murugan T of JCBL

Mr. Rama Sharath Reddy M of Sundaram

Hydraulics Ltd &

Mr. Shanmuganantham V



**Workshop on**

APQP & PPAP ( as per IATF 16949 : 2016 ) with a focus on CSR

# How to build resilience and control stress to regain your life balance

- An article

## How to build resilience and control stress to regain your life balance

- Most of us experience stress to some degree in our daily lives and while some suffer serious physical and mental health problems due to it, others seem to be better at coping.
- How we each perceive and respond to stressful situations can go a long way in explaining why some people thrive during testing times, while others appear to buckle.
- By being aware of your own emotional resilience and thresholds, you can transform your body's response stress.

What is emotional resilience ?

- This is defined as the ability to react to difficult circumstances positively and with flexibility – to roll with the punches so to speak.
- Resilience is fortunately a trait that can be developed all through one's life.
- “ Recognising how to take control of stress and learning from it can enable you to regain your life balance,” say Kate King, a stress management and life skills consultant.

## six steps to strengthen your resilience

- ✓ **Self – Regulation:** Understand how your mind and body react to different situations so you can develop skills to keep stress at bay.
- ✓ **Identification:** Also, learn to recognise the difference between the things you can change and the things that you need to accept.
- ✓ **Optimism:** Develop a positive mindset, which allows you to choose to take control over how you react to a situation.
- ✓ **Self – care:** Look after your basic human needs such as getting quality sleep, eating a balanced diet and attending to any illness or injury.
- ✓ **Connection:** Keep connected with friends and family so you have a sense of belonging and purpose.
- ✓ **Enjoyment:** Find activities or exercises that give you a ‘buzz’. Endorphin are feel – good chemicals that massively contribute to releasing the pressure of stress.

## Thought For the Month !

“Without your involvement you can't succeed,  
with your involvement you can't fail”

– Dr. APJ ABDUL KALAM

Let us think Deeply & Implement Nicely !



# STATISTICAL PROCESS CONTROL : A CLOSE LOOK

## INTRODUCTION TO SPC

- ✓ The biggest problem most people have with using today's methods of quality control is the fear that statistics are too difficult for the average person to understand.
- ✓ True, Statistical Process Control, or SPC, is based on some very powerful and complex math.
- ✓ But SPC improves quality, productivity and profits because it can be used, and used easily, by everyone in industry - from management offices to the production line.

## What Is SPC?

Let's look at the three words which form SPC – Statistics, Process, and Control:

- ✓ Statistics - A way to collect, classify, present and interpret numerical data (information expressed in numbers).
- ✓ Process - A combination of machines, equipment, people, raw materials, methods and environment that produces a product. A process is how something gets done.
- ✓ Control - Directing or regulating a process so that it behaves the way it is meant to behave.

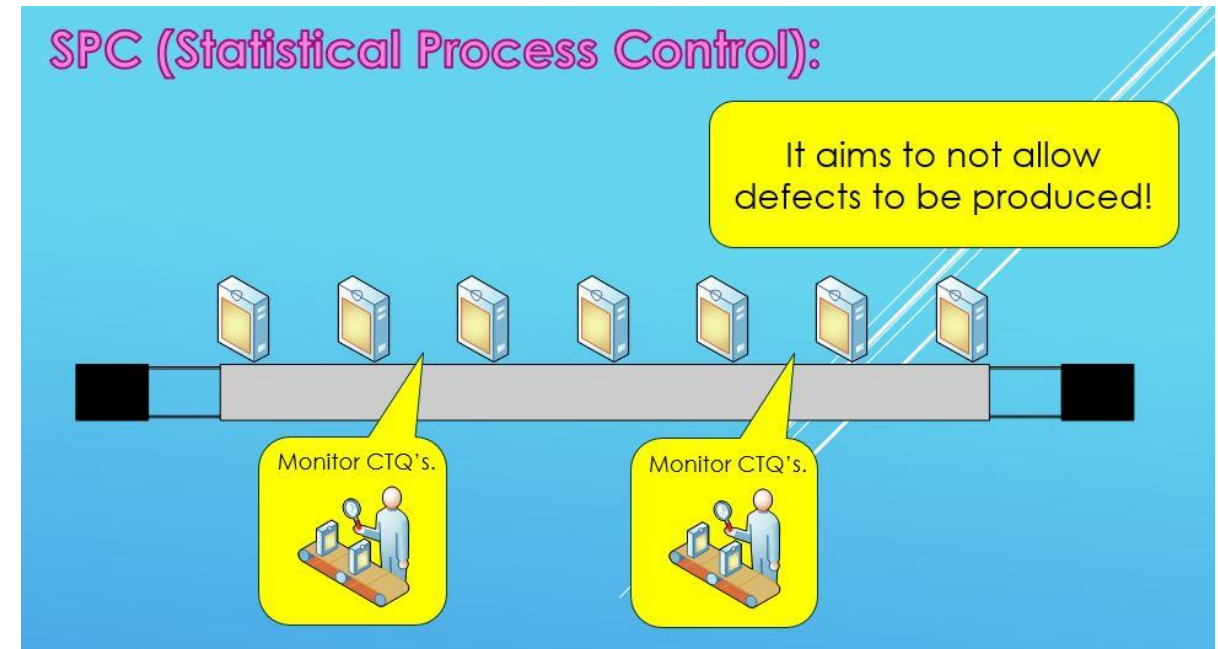
So SPC is the use of numerical data to direct or regulate the methods used to produce a finished product.

## Then & Now

- ✓ In the past, American quality control has been by inspection.
- ✓ After products were produced, the good was sorted from the bad, and the bad products either reworked or scraped.
- ✓ This has led to higher cost and lower quality.
- ✓ Using the classic control method, bad products go through the entire production process before they are caught during inspection.
- ✓ As much time and material is spent producing a defective product as making a good one.
- ✓ Because inspection can never be perfect, some bad products are going to get shipped to the customer - and that's bad business.
- ✓ In SPC, the process is monitored during production.
- ✓ Records are kept on how the process is working.
- ✓ Based on these records, action is taken to make sure the process is always producing good products, not bad.
- ✓ This reduces scrap and production costs, and improves quality.

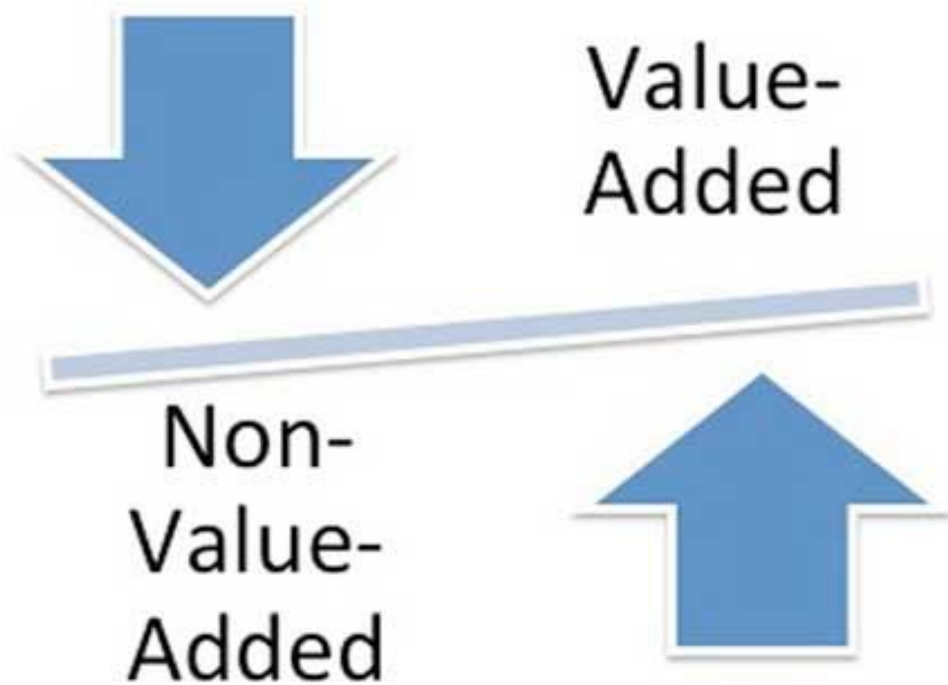
## Why to Use SPC?

- ✓ SPC has become the new standard for quality control because it:
- ✓ Increases customer satisfaction.
- ✓ Decreases scrap, rework, and inspection costs.
- ✓ Decreases operating costs.
- ✓ Improves productivity.
- ✓ Sets a predictable and consistent level of quality.
- ✓ Eliminates or reduces the need for inspection by the customer.



# **Ten Ways to Eliminate Non-value-Added Activities**

## Ten Ways to Eliminate Non-value-Added Activities



1. Rearrange the sequence of work steps
2. Rearrange the physical location of the operator in the system
3. Change work methods
4. Change the type of equipment used in the process
5. Redesign forms and documents for more efficient use
6. Improve operator training
7. Improve supervision
8. Identify more clearly the function of the process to all employees
9. Try to eliminate unnecessary steps
10. Try to consolidate process steps



# Voice of Feedback

- We feel very happy to give this feedback
- We are so gifted to have Mr. A V Manivannan as our tutor for the APQP & PPAP workshop
- This program has been organized as a practical one
- This entire NPD approach was made very simple to us
- An highly interactive one !



**Hinduja Foundries Team,  
Sriperumbudur.**

# Public Program – July 2018

Two day workshop on

## “Auditing the Automotive Core tools ( as per IATF 16949 : 2016 )”

### Resource Person

A V Manivannan, Principal Consultant & Trainer

Get your **Certificate** after successful completion of the course

### Program Objectives

- ✓ To avoid many issues arising during the Customers audit & the audits by the certification bodies on Automotive core tools. This program will help to understand & implement the core tools better and also to audit the Core tools related guidelines, as per the requirements of IATF 16949 : 2016.
- ✓ IATF standard expects an in depth knowledge on the Core tools such as APQP, FMEA and this program will ensure this in a most practical way !

### Program Date & Time

13-07-2018 ( Friday ) & 14-07-2018 ( Saturday )  
[ 2 days ] 09.00 am to 05.00 pm

### Venue

**JP HOTEL**, 1131, Inner Ring Road, Koyambedu.  
Opposite CMBT Bus Stand.

# “Auditing the Automotive Core tools ( as per IATF 16949 : 2016 )”

## Course Deliverables

- ✓ Explanations on Fundamentals on IATF 16949 : 2016
- ✓ Auditing Standard ISO 19011 – a close look
- ✓ Customer Specific Requirements ( CSRs ) – What & how ?
- ✓ Auditing process as per the IATF 16949 : 2016
- ✓ Focus on each Core tool ( APQP, Control Plan, FMEA, SPC, MSA & PPAP ) – Purpose, linkages & the application
- ✓ Situations linked to each core tool ( 80 + situations, collected from many audits for the past 10 years )
- ✓ Linkages between the core tools & IATF 16949 : 2016
- ✓ Automotive Process Approach ( APA ) on SPC & MSA
- ✓ Situation analysis and identifying the Non-conformities
- ✓ Audit process mapping ( Internal & Suppliers audits ) as per the IATF 16949 : 2016
- ✓ Raising NCRs & actions to close the NCRs

## Program Fee

**Rs.4,800/- (incl. GST) per participant**

(Complementary Work book, Stationary, Refreshments & Lunch)

## Corporate offers

3 employees from the same company - **Rs.4,500/-** ( incl. GST ) per head

4 to 6 employees from the same company - **Rs.4,300/-** ( incl. GST ) per head

## Last date of Registration:

11-07-2018 ( Wednesday )

For more details on the pricing & corporate nominations for  
in house & open house

## Contact us :

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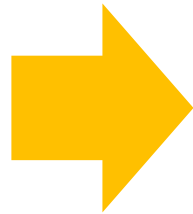
Mobile : +91 99621 17222

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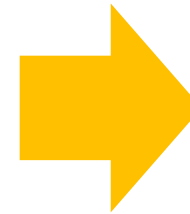
Write to us at “spel@sripadmam.com”

# Failure Mode & Effects Analysis ( FMEA ) : AIAG & VDA

Design FMEA &  
Process FMEA  
Linkages  
Overview  
( Latest version  
AIAG – VDA )



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