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Bolder Result!

In House Training List 2018

www.sscxinternational.com

The only thing worse than training employees and losing them is to not train them and keep them.

/Zig Ziglar

In House Training List 2018

01 **Creating Improvement Mindset**

02 **Eliminating Non Value Add Activities** (Lean Fundamental)

03 **Creating Ownership of Work Area**

04 **Short Interval Communication**

05 **Creating Ownership of Machine** (Total Productive Maintenance)

06 **Process Mapping and Streamlining** (Value Stream Mapping)

07 **Creative Problem Solving**

08 **Practical Statistic and Data Analysis**

09 **Evaluate and Improve Measurement System** (The Analysis)

10 **Identify and Mitigate Risk** (Failure Mode Effect Analysis)

11 **Design an Experiment and Optimization** (Design of Experiment)

12 **Method for Designing New Product** (Quality Function Deployment)

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TRAINING IS AN INVESTMENT IN THE FUTURE OF YOUR BUSINESS

01 Creating Improvement Mindset

2 days

OBJECTIVE

- Understanding the importance of continuous improvement.
- In the simulation role play, participants will be shown that any process can be improve
- To be able to identify and eliminate non value added activities
- Through simulation, participant will see the real life examples of non value added activities. Get the skill to identify and eliminate NVA, and leading his team to make daily improvement in their jobs
- Motivate the participants to make improvement and innovation

KEY CONTENT

- This insightful process simulation consists of 3 rounds that deliver key mindset of Continuous Improvement, framework, and concept to all participants
- There will be 3 round role play game for 20 participants to operate a company
- Round 1 will be the baseline or as is process which reflect typical transactional /service process in a service company. Applying Continuous Improvement mindset to all process will dramatically change working environment become much more conducive. All process owners then will be very open for improvement and problems are exposed to be improved (not to be hidden)

WHO SHOULD ATTEND

Directors, Managers, Supervisors, Continuous Improvement Change Agents

02 Eliminating Non Value Added Activities (Lean Fundamental)

2 days

OBJECTIVE

- Provide solid comprehension of Lean philosophy
- Provide strategy to streamline and create highly efficient manufacturing processes
- Understand the key success factors of Lean implementation
- Understand key improvement tools to achieve perfection

KEY CONTENT

- The Lean philosophy, five core principles, identify non value add activities
- Leadership and Continuous Improvement infrastructure
- Understanding your process: current state value stream mapping
- Identifying opportunity for improvement
- Road to perfection: Kaizen
- Best practice tools toward perfection: 5S, Single Minutes Exchange Dies (SMED), and Mistake Proofing

WHO SHOULD ATTEND

Managers, Supervisors, or key decision makers, or management team members who want to start implementing Lean initiative

2 days

Creating Ownership of Work Area 03

OBJECTIVE

- Be ready to initiate workplace organization implementation in their area and company
- Apply concepts and visual control to identify process abnormality
- Improve workplace organization, cleanliness, and safety
- Effectively manage team and work with leadership to remove barriers and achieve success in implementation

KEY CONTENT

- Definition, Benefit of implementation wokplace organization, 5S concept
- Project governance, role and responsibility
- Key success factors in implementation
- Step-by-step implementation
- Change management aspect in implementation

WHO SHOULD ATTEND

Production, Quality, Maintenance, Support Function, Manager, Supervisor, Engineer

2 days

Short Interval Communication 04

OBJECTIVE

- How to improve organization response up to shopfloor level in following:
  1. Fast Problem Detection
  2. Fast Problem Reporting
  3. Fast Problem Solving
  4. Fast Problem Escalation
  5. Fast Decision Making
- How to make team focus in achieving daily production target (SQCDM)
- How to create engagement in shopfloor level
- How to perform management control at short interval period
- Helping team in shopfloor to prioritize problem to resolve

KEY CONTENT

- Concept of Short Interval Control for ShopFloor Management
- Objective of SIC
- SIC Leader Role and Responsibilty
- SIC Standard Agenda
- SIC Level and Agenda
- Supervisory Behavior Profile
- How to implement SIC step-by-step
- Success Factor to implement SIC
- How to sustain SIC implementation

WHO SHOULD ATTEND

Production, Quality, Maintenance, SCM, Support Function, Manager, Supervisor, Engineer

05 Creating Ownership of Machine (Total Productive Maintenance)

2 days

OBJECTIVE

- This course is about providing participants with all required skills in implementing Autonomous Maintenance.
- Understand the concept and know how to implement, and able to improve current conditions to highest standard.
- Implement the knowledge and skills of Autonomous Maintenance tagging system, and creation of AM standard in actual production line
- Upon course completion, participants will take away tactics and define action plan to implement Autonomous Maintenance

KEY CONTENT

- Autonomous Maintenance concept
- 7 Steps implementing AM
- Abnormality detection - tagging system
- Evaluating abnormality findings
- Creating AM checklist
- One point lesson
- AM audit
- Key success factors implementing AM

WHO SHOULD ATTEND

Production, maintenance, whoever wish to learn about the methods and benefits of TPM, as well as any manufacturing employee who works in a equipment-driven organization

06 Process Mapping and Streamlining (Value Stream Mapping)

2 days

OBJECTIVE

- How to identify waste in our process
- How to develop current state value stream mapping and identify the constraint
- Using Lean tools to streamline the process
- How to draw the dream process: future state value stream mapping as our compass
- How to develop key action plan to achieve future state
- Best practice in eliminating waste accross value stream map
- Calculate takt time, cycle time, and optimum required manpower

KEY CONTENT

- Introduction to Customer Value Perspective
- Introduction to Value vs Non-Value Added Activities
- Introduction to Value Stream Mapping
- Time analysis, time traps, process capacity, pacemaking time
- Value Stream Mapping activities with cross-functional participants
  1. Defining customer requirements
  2. Mapping the process
  3. Identify process capacity and time traps
  4. Identify and prioritize issues in the value stream
  5. Brainstorming list of quick wins action plan and project requirements

WHO SHOULD ATTEND

Production, Quality, Maintenance, SCM, Support Function, Manager, Supervisor, Engineer

2 days

Creative Problem Solving 07

OBJECTIVE

- Provide understanding about types of problem: Quick wins and Problem Solving event
- Provide a comprehensive guide to lead a successful problem solving event
- Provide practical use of basic problem solving tools
- Apply all best practice tools to real event

KEY CONTENT

- The entire Problem Solving Process
- Common problem solving cycle
- How to understand and scope a problem appropriately
- Identifying required data for problem characterization
- How to identify root cause using logic and basic data analysis
- How to use creativity to find solutions
- How to monitor the result after solution implementation
- Follow ups after the Event
- Apply all knowledge to your real problem case: workshop session

WHO SHOULD ATTEND

Change Agents and whoever required to do problem solving in daily activities

2 days

Practical Statistic and Data Analysis 08

OBJECTIVE

- Understand practical statistics and basic tools
- Understand how to interpret data distribution in terms of central tendency and variability
- Understand how to do a sampling correctly
- Apply basic statistical analyses and tools for company operational purpose and business decision making
- Able to interpret process stability and how good the process capability
- Able to identify variations in product and process

KEY CONTENT

- Basic Statistics: Understanding Central Tendency and Variability
- How to use graphical statistics: Run Chart, Histogram, Box Plot, Pie Chart, and Scatter Diagram
- Normal Distribution and Confidence Interval
- Determine sample size
- Statistical Process Control
- Control Chart: understanding process variation
- Understanding Process Capability: CP and CPK

WHO SHOULD ATTEND

Quality, Production, Maintenance, Manager, Supervisor, Engineer

2 days

09 Evaluate and Improve Measurement System (Measurement System Analysis)

OBJECTIVE

- Understand the importance of Measurement System
- Understand key component of Measurement System error
- Able to conduct Measurement System Analysis for continuous measurement system (Crossed method)
- Understand how to conduct a measurement system analysis
- Understand how to interpret the results of a MSA study
- Able to conduct Measurement System Analysis for discrete data (Attribute agreement analysis)
- How to implement in your daily real work case

KEY CONTENT

- The concept of Measurement System Analysis
- Accuracy and Bias, Repeatibility and Reproducibility, Gage RandR Study Crossed Method and Nested Method
- Attribute Agreement Analysis, Bias and Linearity Study
- Real Case: Workshop Gage RandR for continuous data
- Real Case: Workshop Attribute Agreement Analysis for discrete data

WHO SHOULD ATTEND

Quality, Production, Maintenance Manager, Supervisor, Engineer

2 days

10 Identify and Mitigate Risk (Failure Mode Effect Analysis)

OBJECTIVE

- Provide solid comprehension of FMEA, the goals and the approach
- Gain deep understanding about FMEA, to mitigate risk
- Understand Risk Prioritiy Number, and Develop Action Plan for Improvement
- Preparing FMEA team member
- Develop team based approach for FMEA as continuous improvement initiative in organization

KEY CONTENT

- Main FMEA principles (identify potential failure and preventing to happen)
- How to use Design FMEA and Process FMEA
- How to use FMEA to improve product quality and reliability
- How to use FMEA as risk management tool
- How to analyze design product and eliminate potential failures
- How to analyze production process and preventing failures
- Who are FMEA key team members and what is their role and responsibility
- What to prepare in FMEA
- What are key elements to quantify and assess risk: severity, occurence, and detection. Based on latest guideline standard
- How to prioritize potential risk
- How to develop action plan for improvement and ensure its effectiveness

WHO SHOULD ATTEND

Quality, Production, Maintenance Manager, Supervisor, Engineer

2 days

Design an Experiment and Optimization (Design of Experiment) 11

OBJECTIVE

- Enhance participant capability to conduct experiment in their manufacturing environment
- Able to define which factors are influencing response of the process. So they can define which factors are critical to process, and which are not
- In this interactive program will make audience understand how to prepare scientific experiment correctly.
- Our program is designed to provide concept, and hands-on experience in implementing Design of Experiment in process simulation

KEY CONTENT

- Introduction to Design of Experiment
- Trial Error vs Scientific Method
- Preparing Experiment
- 2-level Full factorial design
- Optimization design
- Fractional Factorial Design
- Aliasing and Confounding
- Response Optimization

WHO SHOULD ATTEND

RandD, Production, Quality, Maintenance, Manager, Supervisor, Engineer

2 days

Method for Designing New Product (Quality Function Deployment) 12

OBJECTIVE

- Define quality function deployment
- Summarize the benefits of QFD
- Identify the difference between a true customer need and a technical descriptor
- Define the focus within each of the four phases of a QFD process
- Identify data necessary for every room in a four-phase QFD process
- Evaluate an example of 'Houses of Quality

KEY CONTENT

- Product Planning and Voice of Customer
- Introduction to QFD
- QFD Four Phases
- Input to QFD Planning
- Product Planning (House of Quality)
- Customer Needs and Priority
- Concept Development

WHO SHOULD ATTEND

RandD, Production, Quality, Maintenance, Manager, Supervisor, Engineer

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Productivity is never an accident. It is always the result of commitment to excellence intellegent planning, and focused effort.

/Paul J. Meyer

2 days

Quality Control Circle (QCC) 13

WHO SHOULD ATTEND

Production, Quality, Maintenance, Manager, Supervisor, Engineer

OBJECTIVE

- Participant will understand systematically step-by-step process improvement using discipline approach of PDCA (Plan-Do-Check-Act)
- This workshop is designed to equip participants to be able to perform statistical data analysis using 7 tools (histogram, pareto chart, etc)
- In this workshop, participants will also learn managing project improvement skills, how to initiate project, planning project, managing team, executing, creating report, and sustain the result of improvement

KEY CONTENT

- Total Quality Management philosophy
- Basic Mentality in TQM
- PDCA Deming Cycle
- QCC Role and Responsibility
- 8 steps methodology for problem solving
- 7 tools QCC
- Key success factors in QCC deployment

2 days

OEE Improvement 14

WHO SHOULD ATTEND

Maintenance manager, maintenance engineer, operating supervisors, including any key-decision makers who want to learn about how to improve OEE in a guided environment.

OBJECTIVE

- Provide thorough instruction that ensures successful TPM deployments
- Apply best practice tools of TPM in a real working environment to support OEE Improvement
- How to improve Overall Equipment Effectiveness in practical way
- Understand key success factor to improve OEE
- Understand common pitfalls, tips and traps in OEE improvement events

KEY CONTENT

- The importance of TPM's key measurement – Overall Equipment Effectiveness
- How to calculate Overall Equipment Effectiveness and integrate this as part of an overall TPM strategy
- Comprehensive analysis and instruction in TPM best practice tools including 5S, SMED, Autonomous Maintenance, and many more
- How to improve OEE level
- Detailed strategy to improve OEE
- GEMBA session and use TPM best practice tools

15 Breakthrough Collaboration Workshop

2 days

OBJECTIVE

- Understanding key elements how to build effective team and break the silo
- Understand the characteristics of team member and how to handle conflict
- Understand each stage in team building to team performing
- How to build outstanding team
- How to maximize the potential of each team member
- Understand key role of leader in team management

KEY CONTENT

- Team Challenges
- DISC and Belbin Team Roles
- Common Issues in Team Collaboration
- Silo Mentality
- Silo Definition
- Workshop Team Collaboration
- Swimlane Process Mapping
- Simulation

WHO SHOULD ATTEND

Production, Quality, Maintenance, SCM, Support Function, Manager, Supervisor, Engineer

16 Leadership for Productivity

2 days

OBJECTIVE

- Understanding the challenge of leader in managerial level
- Equip leader with critical 8 supervisory behavior
- Understanding the importance of innovation and continuous improvement

KEY CONTENT

- Role of the Leader
- Characteristic of Breakthrough Leader
- Leader vs Boss
- 8 Critical Supervisory Behavior
- The importance of Innovation and Improvement

WHO SHOULD ATTEND

Production, Quality, Maintenance, SCM, Support Function, Manager, Supervisor, Engineer

2 days

Effective Planned Maintenance and Sparepart Management 17

OBJECTIVE

- Provide solid comprehension of PM, the goals and the approach
- Gain deep understanding about PM step-by-step implementation strategy
- Preparing infrastructure for PM deployment
- Managing Sparepart and Stock Strategy

KEY CONTENT

- What is Preventive Maintenance, Reactive Maintenance, and Predictive Maintenance
- What is the objective of PM
- How to implement 7 steps of PM
- How to measure PM performance : MTTR and MTBF
- What is Sparepart Management
- How to assess critical sparepart
- Life cycle sparepart
- Concept of Reorder Point
- Visual Management in Equipment

WHO SHOULD ATTEND

Maintenance Function, Manager, Supervisor, Engineer

2 days

Supply Chain Management 18

OBJECTIVE

- Be ready to plan demand requirement, and calculate available to promise
- Apply concepts as Demand Planning, ABC analysis, Economic Order Quantity
- Apply generic pull system and supermarket concept
- Effectively manage inventory and achieve optimum cost of inventory using techniques
- Apply concept of inventory management

KEY CONTENT

- Supply Chain Management Introduction
- Supply Chain Definition
- Bull Whip Effect
- Planning Inventory Control Introduction
- Function and Aim
- Planning Activities
- Planning Steps
- Forecasting
- Forecasting Taxonomy
- Forecasting Procedure
- Forecasting Technic
- Aggregate Planning
- Aggregate Planning Strategy
- Level Strategy
- Chase Strategy
- Mixed Strategy
- Subcontract Strategy

WHO SHOULD ATTEND

Planning, Inventory Control, Logistics, Procurement, Warehouse, Production, Supervisor, Officer, Engineer, Manager, anyone required to understand and apply the concept of Supply Chain Management

19 Practical Project Management

2 days

OBJECTIVE

- Be ready to initiate and solve business process improvement projects using Project Management
- Effectively manage team and work with leadership to remove barriers and achieve project success using tools and techniques
- Close projects and handover control to process owners

KEY CONTENT

- Overview of Project Management
- Role and Responsibility
- Key success factors in project management
- 4 phases of project management processes
- Project scoping and work breakdown structure
- Time management and project scheduling
- Project cost management

WHO SHOULD ATTEND

Project Managers, project members, any employee who is interested in managing, lead and execute project.

20 Innovation Method and Creative Thinking

2 days

OBJECTIVE

- Solve problems using a variety of innovation tools.
- Understand how the outputs of TRIZ method and other tools along the chain of innovation and design
- Identify unarticulated customer needs and get to the heart of your innovation
- Discover alternative solutions using innovative problem-solving tools
- Develop ideas into solutions and demonstrate success with prototyping and piloting

KEY CONTENT

- Problem Solving, Improvement, and Innovation framework
- Innovation Methodology
- Theory of Innovation
- TRIZ principles
- SCAMPER method
- Creative Thinking method

WHO SHOULD ATTEND

RandD, Production, Quality, Maintenance, Manager, Supervisor, Engineer

2 days

Lean Six Sigma White Belt 21

OBJECTIVE

- Identify improvement opportunities in working area
- Be ready to initiate and solve small business process improvement projects
- Apply 5S, wastes reduction, swim lane process mapping, and mistake proofing in daily working activities
- Define, scope and select right Continuous Improvement projects
- Effectively manage team and work with leadership to remove barriers and achieve project success

KEY CONTENT

- Identify improvement opportunities in working area
- Be ready to initiate and solve small business process improvement projects
- Apply 5S, wastes reduction, process mapping, value stream mapping and mistake proofing in daily working activities.
- Define, scope and select right Continuous Improvement projects
- Effectively manage team and work with leadership to remove barriers and achieve project success

WHO SHOULD ATTEND

Project members, Change Agents, any employee who is assigned as Green Belt candidate to lead and execute problem solving project

6 days

Certified Lean Six Sigma Green Belt 22

OBJECTIVE

- How to manage a successful Lean Six Sigma deployment at the Green Belt level
- How to handle and communicate to key stakeholders
- Provide roadmap, tools, and methodology of Lean Six Sigma using well-known DMAIC cycle
- Gain deep understanding about the key to project execution through simulation, workshop, case study and project sharing
- Become a data and fact-based problem solver and decision maker in any situation

KEY CONTENT

- The Lean Six Sigma philosophy, strategy, and approach to continuous improvement
- How Lean Six Sigma improves business, manufacturing, and service performance
- How to apply DMAIC step-by-step to enable structured problem solving
- Lean Six Sigma definitions of value, waste and process variability
- How to use Lean Six Sigma tools such as, charters, Voice of the Customer, Y=f(X),
- waste, VSM, measurement systems analysis, principles of statistics, sampling,
- confidence intervals, process capability, correlation and regression, cost-benefit analysis, error proofing,
- standard work, continuous flow, and many others
- How to use project plans and “issues lists” to manage Lean Six Sigma projects within your department

WHO SHOULD ATTEND

Project managers, Project Leaders, Change Agents, any employee who is assigned as Green Belt candidate to lead and execute problem solving project

23 Certified Lean Six Sigma Black Belt

12 days

OBJECTIVE

- How to manage a successful Lean Six Sigma deployment at the Black Belt level
- How to handle and communicate to key stakeholders
- Provide roadmap, tools, and methodology of Lean Six Sigma using well-known DMAIC cycle
- Gain deep understanding about the key to project execution through simulation, workshop, case study and project sharing
- Develop Black Belt skill-set: leading and executing problem solving project, training – coaching, and group facilitation skills
- Become a data and fact-based problem solver and decision maker in any situation

KEY CONTENT

- The Lean Six Sigma philosophy, strategy, and approach to continuous improvement at a higher level
- How to use Lean Six Sigma Basic and Advance Tools.
- Beside above mentioned tools, Lean Six Sigma Black Belt will also learn more advanced
- Lean Six Sigma tools including customer surveys, QFD, Advance Design of Experiments,
- analysis of non-normal data, multiple regression, advanced control charts, cell design, level loading,
- A3 documentation, response surface, inventory leveling, and many others
- How to use project plans, work breakdown structure, project reviews, and issues lists to manage
- Lean Six Sigma projects across multiple departments

WHO SHOULD ATTEND

Project managers, Project Leaders, Change Agents, any employee who is assigned as Green Belt candidate to lead and execute problem solving project

24 Kaizen Event

2 days

OBJECTIVE

- To fully understand the project schedule of a typical Kaizen event
- To understand the basic set of tools, forms and procedures required to prepare for the delivery of a Kaizen event
- Execute one Kaizen event in your company!

KEY CONTENT

- Pre-Event Prep: Identify and plan narrow scope events
- Kaizen Event: Implement do-now quick hit solutions during the Kaizen event
- Follow-up Action Items: Kaizen activity typically ends 20 days following Kaizen
- Kaizen preparation
- Kaizen detail scheduling
- Toolset used in Kaizen Event and how to use it

WHO SHOULD ATTEND

Project members, Change Agents, any employee who is assigned to lead and execute improvement project

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If you can't fly, then run.
If you can't run, then walk.
If you can't walk, then crawl.
But whatever you do,
you have to keep moving forward.

/Martin Luther King Jr

Our Clients' Testimony

Materi yang disampaikan SSCX mudah dicerna dan diimplemetasikan.

Ahmad Faishol Amin

Training ini sangat berguna untuk pekerjaan saya. Setelah mendapatkan training ini saya lebih semangat untuk mengimplementasikan ilmu yang didapat dari training ini.

Khomsatun

Training ini tepat dan membuka wawasan saya, menyadarkan arti dan pentingnya data di analisa. Training yang berfokus pada aplikasi nya di tempat kerja.

I Putu Awing

Pelatihan dibawakan dengan fun, interaktif dan santai. Pelatihan ini memberikan wawasan baru terkait dengan proses improvement yang dapat diimplementasikan di area kerja.

Galih A

Tell us about your specific training needs and our experienced trainer will be at your service!

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