



Enterprise Productivity Solutions

Overview



Enterprise Productivity Solutions



**A roadmap with milestones for
improving productivity and
quality in enterprises**



THE CONTINUOUS IMPROVEMENT PRODUCTIVITY FRAMEWORK





ESTABLISH THE PRODUCTIVITY PATHWAY

Step 1

Conduct the Baseline
Assessment

Step 2

Measure and analyse critical
company indicators

Step 3

Establish the continuous
improvement strategy



Assessing needs of the company



ESTABLISH THE PRODUCTIVITY PATHWAY

Step 1

Conduct the Baseline
Assessment

Step 2

Measure and analyse critical
company indicators

Step 3

Establish the continuous
improvement strategy



ENTERPRISE	
MAIN ACTIVITY	
TYPE OF BUSINESS	
TURNOVER	
INTERVIEWEE	
NPCC CONSULTANT	
DATE OF VISIT	
OBSERVATION SUMMARY	
QUALITY MANAGEMENT FINDINGS	
HR MANAGEMENT FINDINGS	
OCCUPATIONAL HEALTH & SAFETY FINDINGS	

Diagnosis report of the company



Benefits

- Problems and gaps identified in the company
- Areas that deviates from established standards and practices (OSH, Fire Safety, etc) identified
- Determine and allows formulation of improvement projects to improve current processes and company value (Quality, Cost, Delivery, Morale)



LAY THE FOUNDATION

Step 1

Setting up and training of the Enterprise Improvement Team (EIT)

Step 2

Initiate projects for workplace cooperation through Enterprise Improvement Plan (EIP)

Step 3

Implement and Monitor progress of EIP



Agreeing on Improvement projects

Level 1



LAY THE FOUNDATION

Step 1

Setting up and training of the Enterprise Improvement Team (EIT)

Step 2

Initiate projects for workplace cooperation through Enterprise Improvement Plan (EIP)

Step 3

Implement and Monitor progress of EIP



Establishing the **Enterprise Improvement Team**



Benefits

- Develop a standard way of collecting and sharing information from the shop floor
- Establish a standardised way of work at shop floor level
- Quick resolving of small problems by shopfloor employees
- Develop a culture of team work and problem solving
- Improve working environment
 - Increases morale, motivation and commitment
 - Minimises conflicts and disputes
- Laying the foundation for a continuous improvement culture in enterprises



LEAD IMPROVEMENTS

Step 1

Identify and agree on priority improvement projects

Step 2

Implement priority improvement projects (1-2 model projects)

Step 3

Monitor, measure and share model cases at company's level



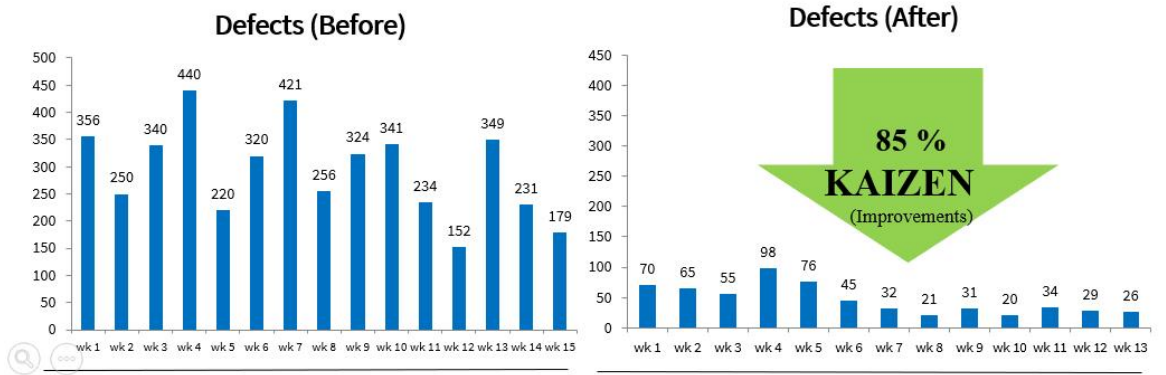
Goal : To reduce number of defects and increase revenue

Countermeasures

- Simplifying and visual standards for floor workers
- Visual board implementation to monitor defects
- Train floor workers on quality monitoring



Achievements



Scoping of improvement project



LEAD IMPROVEMENTS

Step 1

Identify and agree on priority improvement projects

Step 2

Implement priority improvement projects (1-2 model projects)

Step 3

Monitor, measure and share model cases at company's level



Training by NPCC Staff



LEAD IMPROVEMENTS

Step 1

Identify and agree on priority improvement projects

Step 2

Implement priority improvement projects (1-2 model projects)

Step 3

Monitor, measure and share model cases at company's level



Monitoring of established KPIs



Benefits

- Employees trained on productivity tools and techniques (5S, Kaizen, QC Tools, VSM, etc).
- Improved data collection and analysis by employees
- Improved ability of employees to effectively implement and manage small improvement projects
- Improved Quality, Cost, Delivery, employee morale and safety in enterprises.
- Improved profitability



LEVERAGE COMPETENCIES

Step 1

Reinforce the participatory approach
(Combined application of the
bottom-up and top-down approaches)

Step 2

Implement several improvement
projects by the company (use of basic
and advanced tools)

Step 3

Data is collected, analysed and used
frequently and effectively



Assessing skills level

Before Training

Operation Department										
			General				Process			Machine
NUMBER OPR	NAME	ID	Lean basic	Problem Solving	5S	GMP	Balloon Process	PTCA Process	PTA Process	Machine knowledge
1		560	●	●	●	●	●	●	●	●
2		525	○	●	○	●	●	●	○	○
3		518	○	●	○	●	●	●	●	●
4		553	○	●	○	●	●	●	●	●
5		98	○	●	○	●	●	●	●	●
6		179	○	●	○	●	●	●	●	●
7		154	○	○	○	●	●	●	●	●
8		230	○	○	○	●	●	●	●	●
9		8	○	●	○	●	●	●	●	●
10		69	○	○	○	●	●	●	●	●
11		232	○	○	○	●	●	●	●	●

○	Not trained
●	Trained - Work with supervision
●	Trained - Work without supervision
●	Trained - Autonomous
●	Autonomous - Can train others

Level 3



LEVERAGE COMPETENCIES

Step 1

Reinforce the participatory approach (Combined application of the bottom-up and top-down approaches)

Step 2

Implement several improvement projects by the company (use of basic and advanced tools)

Step 3

Data is collected, analysed and used frequently and effectively



Before



After

Building Capabilities



LEVERAGE COMPETENCIES

Step 1

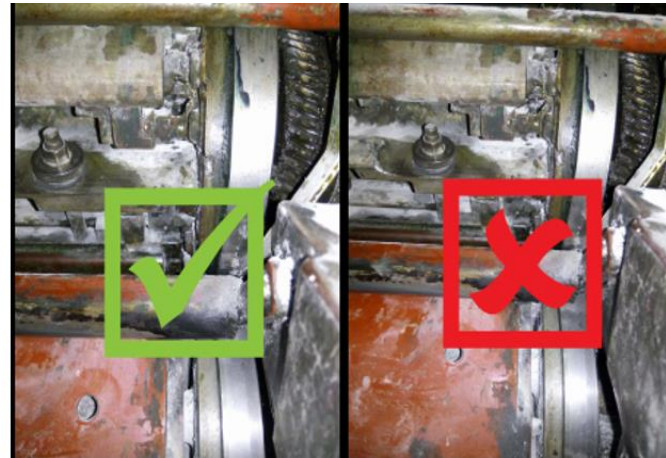
Reinforce the participatory approach
(Combined application of the
bottom-up and top-down approaches)

Step 2

Implement several improvement
projects by the company (use of basic
and advanced tools)

Step 3

Data is collected, analysed and used
frequently and effectively



**Defining and establishing standard
practices**



Benefits

- Improved capability and skills of employees
- Standardised operating practices in the enterprise
- Reinforce the participatory approach (Combined application of the bottom-up and top-down approaches)



OPERATIONAL EXCELLENCE

Step 1

Establish a continuous system where problems are solved at all levels

Step 2

Daily, weekly, monthly progress measured

Step 3

Review of the continuous strategy for the next 3 years



Sharing of **Best Practices**

STEP 1
Company convention

Level 4



OPERATIONAL EXCELLENCE

Step 1

Establish a continuous system where problems are solved at all levels

Step 2

Daily, weekly, monthly progress measured

Step 3

Review of the continuous strategy for the next 3 years



Celebrating operational excellence

Continuous Improvement Framework



Certification at: Company Level

- 5S Certification

Individual Level

- Basic Productivity Course
- Advanced Productivity course
- Competency certificate
- Training of trainers
- 6 Sigma Green Belt, etc

Continuous Improvement Framework



Celebrating **operational excellence**

- Participate in the National Productivity and Quality Convention (NPQC)
 - Gold Award
 - Silver Award
 - Bronze Award
- International Awards

Contact us

fmcharlotte@npccmauriti.us.com



National Productivity and Competitiveness Council

3rd Floor, The Catalyst

Silicon Avenue, Cybercity

Ebene 72201

Republic of Mauritius

T: (230) 467 7700 F: (230) 467 3838

E: npccmauriti.us@intnet.mu

www.npccmauriti.us.org

www.npccmauriti.us.org