

Operations Excellence (OPEX)

Towards a Sustainable and Profitable Business



INTRODUCTION

An OPEX (Operations Excellence) transformation is a journey adopted by many organizations seeking for continuous growth in their business portfolio while making their customers happy. How this was done; it's through successful and efficiently able to identify and eliminate waste in their operations. Three major guaranteed return via a very successful OPEX transformation are:

- Best in class QUALITY
- Best in class operational COST
- Best in class Delivery AND Customer Service



Course Content

Module One - Building the “Winning Force”

- Why Change is needed and how to handle Change Management successfully
- Effective Communication and Listening skills
- Positive Mindset for striving Continual Improvement
- Gearing up for SUCCESS

Module Two - Recognizing targets for improvements

- Introduction, What is Non Value Add and how it impacts a business
- Recognizing the 7 Waste
- Eliminating the 7 Waste
- Value and Non Value Add
- Business Non Value Add

Module Three - Strategizing the View

- Value Stream Map – theoretical and practical exercise of creating the value stream map with the values.
- Analysis of Value Stream Map

Module Four – Standardizing for Continual Improvements

- What is Standardized Work?
- How does it help our organization?
- Theoretical discussion and real environment practical activity.
- Discussion over improvements driven through Standardized Work

Module Five – Sustainability Tools

- Kaizen / Continuous Improvement
- Workplace Organization – the definition, system and culture.
- Single Minute Exchange of Die (SMED)

WHO SHOULD ATTEND:

Operators / technicians / engineers / managers and head of departments.

METHODOLOGY:

- Theoretical sessions shall be followed by classroom activities and discussions.
- Course materials shall be professionally designed for ease of understanding and application.

TRAINING PLAN:

Item / Method	Module 1	Module 2	Module 3	Module 4	Module 5	Total
Training (Days)	1	1	1	1	1	5
Coaching / Workshop (Days)	1	1	1	1	1	5

COURSE OBJECTIVES ARE:

1. Recognizing the different categories of WASTE
2. Identifying and eliminating WASTE
3. Key OPEX tools that can be applied for the elimination of WASTE
4. Standardization of Work and process steps
5. SMED – Single Minute Exchange of Die

Some of the many BENEFITS upon a successful implementation of LEAN is listed below:

Improved quality – A lot of the activity in a Excellence environment is geared towards improving quality. As quality issues arise, problem solving techniques are used to root cause the problem. From there, mistake proofing is put in place to strengthen the process and prevent recurrence. As a result, the quality of your product will be improved.

Improved Visual Management – Another benefit of OPEX is management by sight. If done correctly, your plant will be set up so you can evaluate an entire area with a visual scan. Any abnormalities will stand out and be easy to identify as a problem.

Increased efficiency – Line balancing will ensure each person in the process is working in the most efficient manner. Standardized work will ensure they are doing it correctly following the same method every time. This leads to repeatability and increased efficiencies.

Manpower reductions – One of the major benefits is getting more done with less people. With standardized work and increased efficiencies, the ability to do the job with less people becomes a very real possibility. This does not mean you have to send these people to the unemployment line.

Easier to manage – The work instructions and standardized work let people know what they have to do and when. This makes managing an area much easier. And problems will still arise. But they will be much easier to deal with in a team environment where the support groups are eager to help solve problems.

Total Company Involvement – OPEX is meant to involve the whole company. It is not intended to be put into action in only one area. It is a management philosophy which should include every part of your organization. This helps promote the concept that everyone in the company is part of the team.

Problem Elimination – Lean manufacturing forces you to attack an issue and continue to investigate it until it has been eliminated. Root cause analysis and cross-functional teams are utilized to ensure a problem receives the level of attention it deserves to correct it.

Reduced Space – As part of the waste reduction process, space will be created. Reduction of finished and raw inventory will save space vertically in your racking as well as horizontally across your floor.

Safer Work Environment – Visual management and Workplace Organization will help identify when things are out of place. When unnecessary elements are removed from the operation, the workplace becomes much more organized. And an organized work environment is a safe work environment.

Improved employee morale – This is a benefit that may not be realized during the initial stages of your implementation (see resistance below). But once the concept of OPEX starts to get accepted Employee involvement and empowerment will make all members of your company feel like a contributing part of the team. And the reduction of uncertainty in the workplace, as a result of lean, will reduce stress in your team members and lead to improved employee morale.

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