Results in Industry with Lean Six Sigma Yellow Belt Training

In an increasingly competitive market, many companies face the challenge of implementing improvement actions which, in practice, do not translate into consistent results.

Overloaded teams, excessive action plans and the lack of a structured methodology often lead to a cycle of trial and error, wasting resources and time.

Without an effective approach to identifying and addressing the root of problems, these initiatives end up losing momentum, and the gains are temporary.

Challenge

This company was facing difficulties in sustaining the improvements it had implemented.

There was an excess of action plans that resulted in teams always being overloaded, without the efforts being reflected in concrete and lasting results for the organization.

In addition, the absence of a structured methodology for carrying out planned experiments led teams to use trial and error methods or the OFAT (One Factor At a Time) approach, which limited the effectiveness of actions and compromised results.

Solution

We trained 19 employees, including members of administrative and technical teams, in the Lean Six Sigma program, resulting in Yellow Belt certification.

The methodology was applied to projects previously selected by the company, serving as a certification criterion for the participants.

The training provided essential tools and techniques for process analysis and continuous improvement.

During the 3 months of project execution, the Yellow Belts received mentoring with periodic follow-up meetings to ensure effective application of the methodology.

Results

The main benefits of the projects have been organized into the following blocks:

1) Reduction of waste and costs

- Reduction of scrap during the production process
- Accuracy of budget costs

2) Improving Quality and Consistency

- BOM correction with adjusted measurement system
- Elimination of oxidation problems

3) Process Optimization

- Optimization of setup times for critical operations
- Reduction in sampling and budgeting time
- Purchasing model for components with irregular demand

4) Capacity and Productivity Improvement

- Optimization of resin curing time
- Resource balancing with indicator correlation

5) Improving Customer Service

- Reduced delivery time for samples and quotes

In addition to the results achieved, the training allowed employees to develop a new approach to analyzing problems, using data in a more effective and decision-oriented way.

Transform your processes into consistent and sustainable results. Contact NESI Intelligence and find out how Lean Six Sigma can revolutionize your company.