

# **Lean Manufacturing and urgent orders: how it works?**

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## **Abstract**

Lean Manufacturing has become one of the pillars of modern industry, since customer satisfaction remains the priority of the production system by respecting delivery time through eradicating all worthless elements, the work overload generated by processes not adapted, variability and irregularity. However the Lean manufacturing is generally used with a stable demand that changes slightly over the time which makes it possible to apply all these basic principles however during the production there are always some irregularities that can arise at the last moment without preplanning which disrupts all the process.

Our study will focus on these urgent orders, and how Lean Manufacturing philosophy solve them, while respecting the basic principles and what are the challenges the production faces to solve those problems?

## **Keywords**

Industry, Lean Manufacturing, Urgent orders, challenge

## **Biography**

**Mariam HOUTI**, PhD. student in Systems Engineering Laboratory, at the National School of Applied Sciences (ENSA-Kenitra), University Ibn Tofail, Kenitra. She holds a master science and technology in Industrial Engineering from the Faculty of Science and Technology of Fes. Her current research is focused on Lean Manufacturing, ERP system and production systems.

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