

Internship Program

your Master's Thesis in GSK

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Standard work pilot implementation in a packaging line:
assessment of impact on efficiency (OEE)
assessment on economic impact.

Context



Packaging dept.

Packaging is a process with an high level of automation and flexibility that enables to label, set up and package Vaccines in 380 SKU before they are dispatched in 130 different countries all over the world.

Packaging department is made up of 8 lines that are able to handle PFS (Pre- Filled Syringe) and VIALS.

In 2014 we introduced the Gemba approach:

- daily Gemba meeting
- microstoppages and batch change time board
- weekly OEE board

All these implementation in order to:

- 1) analyze production status and increase the Performance
- 2) increase the shopfloor involvement;
- 3) Solve issues right first time → *trystorming*

Why are we looking for an intern?

1. **Get one person focused on this project : he/she can bring the academic mindset in the dept.**
2. **We want to take advantage of University world**

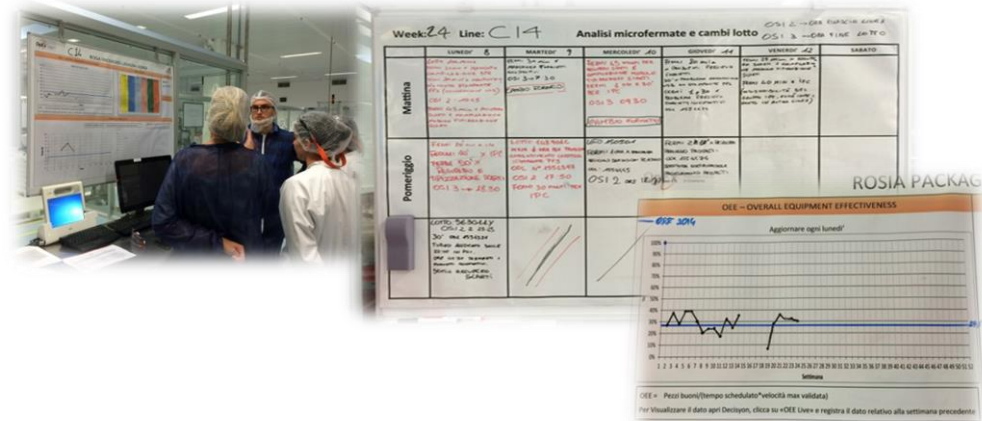
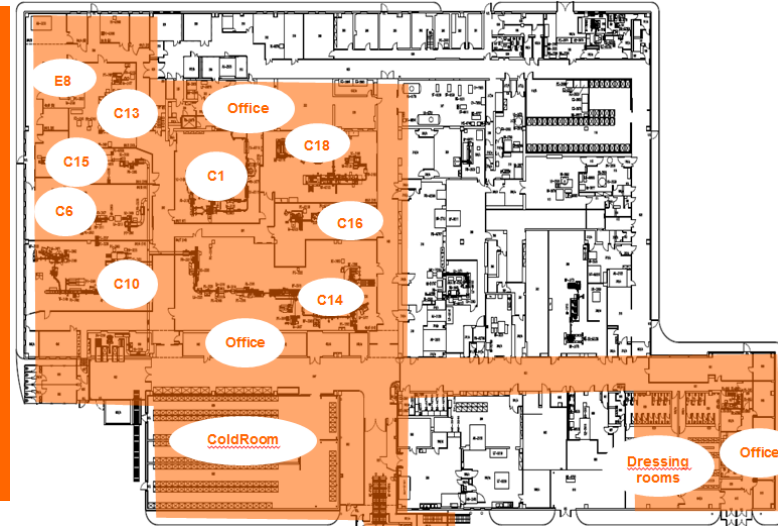
Packaging Area
3200 m²
Not Classified

8 packaging lines

99 Mds in 2014
88 Mds in 2015

1 Temporary Cold Room

932 pallet places
2-8°C



Project description



main purpose, activities and expected results

Main purpose:

- Packaging process map following «time and motion studies»: how the process is performed and with which time frame;
- Streamlining packaging process: how much saving can be made in this area? (costs and people).

Activities:

- Analyze packaging process working on the field;
- Analyze time batch change;
- Analyze packaging lines microstoppages.

Results:

- Cost reduction;
- OEE improvement: 5 percentage points.

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“Internship Program 2016”

This is a Programm designed to impart the competencies of:

- Production process awareness;
- GMP standards;
- Focus on QUALITY;
- Lean Six Sigma

Period: up to 1 year – starting from March 2016

Reimbursement: 500€ + accomodation + canteen tickets