

Example Internship Proposal – Management of Innovation / IBA

BACHELOR INTERNSHIP PROPOSAL ROTTERDAM SCHOOL OF MANAGEMENT, ERASMUS UNIVERSITY

Name company: *Isovolta S.A.U.*

Country: *Spain*

Brief description of the company:

Isovolta S.A.U. is a manufacturer of medium and low voltage insulation materials. Their products are flexible laminates and coated materials for generators, motors, transformers, coils and electronic components.

Description of the internship assignment:

I will be part of the project team that is working on improving the internal operations, specifically the manufacturing process of various insulation materials. The current manufacturing process can be made more efficient. During my time at the company, I will analyse the business processes to identify which innovative technologies and solutions could increase efficiency.

Description of the research problem that you will study within the company. Be sure to include the elements listed on page 7 of the internship manual.

My research questions is: "To what extent can innovative technologies make Isovolta's manufacturing process more efficient and reduce errors?"

I will analyse the current process and identify problems and potential aspects for improvements. Next to that I will research available innovative technologies inside and outside Isovolta and make a proposal how they could be implemented in the current manufacturing process. To gain a good understanding of the process and opportunities I will do interviews with engineers, managers and people in similar companies.

I will make use of theoretical models of the course operations management, like Total Quality Management, Just in Time production. In order to eliminate unnecessary steps, I will use process mapping. To implement the proposed changes, it will be interesting to use a Plan-Do-Check-Act cycle, which is in line with the approach of Kaizen.

Limitations of the research will be that it is impossible to get an overview of all the available innovative improvements and to find relevant literature other than the theoretical models.

Description of the relation between the assignment and the chosen academic department:

Since this research will focus on innovative technologies, it's most related to the Management of Innovation. Both in terms of solutions as how to implement innovations in an existing manufacturing process.

IBA students only – Please describe the international aspects of this particular internship here:

Isovolta A.G./group is an Austrian multinational company with offices in Germany, France, Spain, USA, Mexico, Brasil, India and China. For me it will also be a challenge to work in the office in Spain due to the cultural differences. I would also like to use this opportunity to improve my Spanish.