

To: Nigel Barnett, Carl Storz
From: Shahzâd Tiavar, student in Telecom Lille1 in FA13
Date: January 31, 2011
Re: Visit the BMW's factory,
Liepzig, Germany, November 01 2010

Summary

When we were in Liepzig, Germany, in November 2010, our university decided to make a visit in the BMW's factory. This last allowed us to see how some BMW's cars are created. It was only a half-day but it was enough to see the whole conception of the cars, and the work doing by the Germans in this company. It allowed us to understand the different type of work doing in order to build a car.

Build a car

The way to build a car is not easy. Indeed, at the beginning, the "car" was only a piece of steel, and after passing by several machines, it began to look like a car. There is only 20 per cents of the building which is doing by human. These ones are helped by robots but it is impossible to do it without a real person. Even if a robot do a perfect work, it cannot think like a human being on what it has to do. After painting, humans install the last equipments on the car like windows and wheels, and the cars are ready to be send in the stocking area.

A German company

The way of working doing by Germans was really impressive. They made a real chain of construction in order to product the cars. Each person move on different parts of this chain every week, in order to work in another engineering factory each month. Thanks to this method, the employee can improve his abilities in his work and substitute a colleague if it is necessary. As it is a huge chain of construction, everybody has to come and eat at the same time because nobody can continue his work without getting the work doing by others.

Conclusion and Recommendations

My observations at BMW's factory convinced me that we need to work together on a project like this one in order to do the best work ever. And it is easier and faster to use robots sometimes, even if humans being can do a great job. As we can see in this company, the both are used every day to get a massive production of cars.