

WCM FOR VIRTUOUS, FLEXIBLE AND INTEGRATED MANAGEMENT

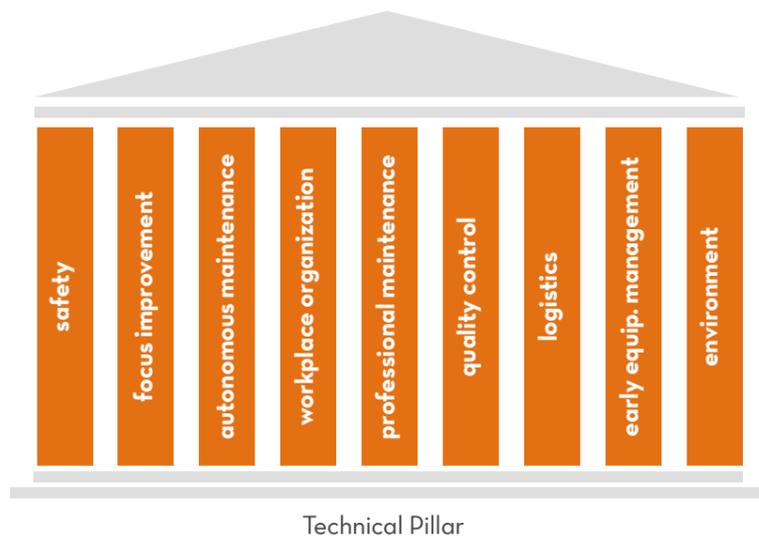
World Class Manufacturing ensures standards of quality and efficiency in 74 Magneti Marelli manufacturing plants world-wide.

Since 2007, Magneti Marelli has chosen to adopt World Class Manufacturing as a method of organisation for the manufacturing cycle for plant management. This is a structured and integrated manufacturing system, which is applicable to every single process in a plant, facilitating the management of themes of safety, the environment, energy, quality, maintenance and logistics. As well as influencing manufacturing performance, the standards aim to reduce waste, accidents, break-downs and reserves, with the ambitious aim of bringing the respective indicators down to zero.

At the end of 2016, 74 manufacturing plants, rising to 75 in the first few months of 2017, operate in respect of the standards, contributing to bringing about significant improvements in the quality of manufacturing of each plant. The average annual energy savings of a plant, for example, run at approximately 6/7%. Through KPIs formulated specifically for each Business Line, Magneti Marelli also aims to render the results visible, helping the Company to be seen as a positive stakeholder for the community wellbeing. Said performance is assigned value through the application of various awards levels by external auditors: Bronze; Silver; Gold and World Class.

Magneti Marelli promotes management systems certified according to ISO 14001, ISO 50001 and OHSAS 18001 regulations in all of its plants. Responsibility assumed by the Company in the field of health, safety, reduction of energy consumption and protection of the environment, which takes place together with the commitment to WCM.

OBJECTIVES TO BE REACHED BY 2020: 100% OF THE PLANTS CERTIFIED ISO 14001 AND OHSAS 18001
(or according to the new ISO 45001 regulation)



HEALTH AND SAFETY THE BARBERÀ DEL VALLÈS PLANT



COUNTRY:
SPAIN

BUSINESS LINE:
AUTOMOTIVE LIGHTING

2016 - THE PLAT NUMBERS
Number of employees: **494**
105 ADMINISTRATIVE STAFF
389 MANUFACTURING WORKERS
Accidents: **0**
Year of entry into the World Class
Manufacturing category: **2008**

The Spanish plant in Barberà del Vallès is a demonstration of the potential of WCM, as it is one of the most proactive in the adoption and application of the standards.

The benefits of WCM

The Automotive Lighting plant, which integrated WCM in 2008, has applied advanced pillar steps regarding safety, the completion of which means that the mechanism can be considered as perfected, and above all autonomous. The current state sees the staff involved directly in the definition of regulations, procedures and assessments, within the limits of their respective responsibilities, in such a way that their contribution serves to integrate and improve the process. The benefits are not limited to performance indicators and numerical evidence, but affect every level of the structure, from the roots upwards, through the introduction and the embedding of a true company culture which renders the employees aware of, and responsible for, the process of transformation under way and the objectives to be reached.

The main results

Among the most significant indicators in the productive context of Barberà del Vallès, for which WCM has also made a contribution, is the improvement in the rate of absenteeism, which was considered critical until 2010. In a context characterised by a company population with a particularly high average age, involved in tasks regarding assembly, the first step was the surveying and mapping of types of health problem, which proved to be principally musculoskeletal disorders, followed by activities aimed at treatment and prevention, which contributed to an improvement in the physical health of the employees. On completion of the process the process, a study was carried out, aimed at improving workstation ergonomics. The rate of absenteeism, which was originally at 6.2%, diminished over a seven-year period, arriving at 2.3%. Much energy was also invested in the development of personnel, with particular insistence on the adoption of so-called good behaviour, considered essential for the achievement of autonomy in the desired processes.



What activities were carried out concerning Health?

- Medical check-ups aimed at the prevention of cardiovascular risk
- A campaign on correct nutrition
- Incentives for sports activities
- A program of awareness regarding the dangers of smoking (ongoing)
- A campaign on workstation ergonomics (ongoing)