

Reliability and Maintenance

experience history



SAYERLACK®
INNOVATIVE WOOD SOLUTIONS

MAINTENANCE: AN ESSENTIAL STEP FOR ENVIRONMENTAL SECURITY

Sayerlack was founded in 1954 with the specialization in producing paints for wood. Since August 2000, it is a part of an international chemical group, the Arch Chemicals group, and became Arch Coatings Italia. Since the foundation its aim was to produce the best paints for wood with the most advanced technologies. The corporate laboratory has always produced high quality products, that turned the brand into the reference point of the sector. Arch Coatings Italia is the general headquarters of the group for the reference business. With two production plants and 350 employees it makes a turnover of 105 millions euros: 58% in the Italian market and the remaining 42% in other 72 countries. The research and development sector is structured in many laboratory teams where chemists, researchers, analysts work in close contact and contribute to hold leadership paying attention to all national and international regulations concerning safety and the total environmental protection. This



is shown by the fact that the corporate obtained many certifications connected with its production processes security, the environment and the prevention (in 1999 Arch Coatings obtained the ISO 14001 certification). Security is a fundamental parameter to take into account in every research and experimentation phase, so production plants have to respect security standards concerning operators, products, processes and above all the environmental impact that such a company might have on the surrounding territory. A fundamental role to guarantee these standards is played by the maintenance activities.

HOW TO MAINTAIN A CHEMICAL PLANT?

A correct and accurate maintenance activity contributes to obtain and preserve important certifications that are essential prerequisites to obey the law. In terms of maintenance planning optimization, the corporate needs were to guarantee an efficient planning and, considering the available resources, to manage services complexity the best in order to avoid failures, delays, dangerous inefficiency that can endanger the corporate reputation even at an international level. The particularity of the researched solution was also its possibility to calculate some performance indexes connected with the single maintenance activity (KPI-Key Performance Indicators) and with the entire maintenance function. In order to carry out the plan, Arch Coatings turned to Inspiring Software that has **OTM Suite** the maintenance management and engineering integrated solution in its portfolio.

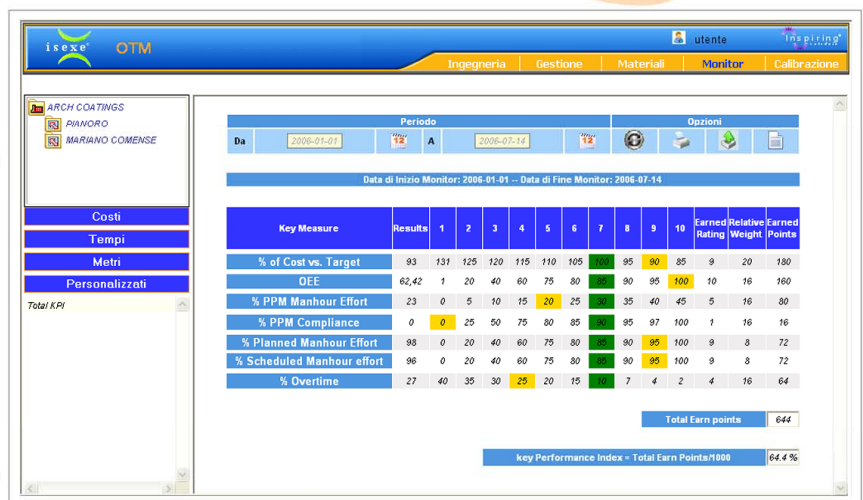


Powerful Ideas for your Business

A "CERTIFICATED" MAINTENANCE

After a careful assessment, the **OTM** implementation plan was defined and it focused on two themes: the maintenance KPIs calculation and the procedures to certify the compliance of maintenance services carried out. As far as the index calculation concerned, the need was to calculate a series of index and insert them on a scoreboard that is capable to evaluate the impact on the business. The scoreboard, that is provided directly by Arch Coatings, is a table that sums up the obtained results for each index, compares them with range prearranged and gives them weights to evaluate how much this indice affects the whole maintenance activities trend. The final result is a percentage that indicates the efficiency level of the Arch Coatings maintenance activities. It dealt with the set up of the KPI monitor that **OTM** already has, according to the business specification, and also dealt with obtaining data directly from the **OTM** management module so to give back significant information for the identification of possible "weak points". Concerning management, the work was developed to comply with the plants security control regulations. Two added documents were implemented and the document "Work permission" was planned. After having list services to be made with their specifications, that document contemplates the declaration of consciousness raising about service risks faced by the maintenance man.

A procedure for the services check was developed: after having them completed, a pre-startup document was to be filled in to certify the compliance of the carried out activity. An other important aspect is the access hierarchy set up. The Arch Coatings maintenance function has an articulated structure that brought to set up qualifications and limits to each professional figures operations in the inside and outside (for example providers), the company.



CONCLUSIONS

Even if the **OTM** software use is not yet at the top speed, Arch Coatings expects great improvements in the maintenance activity: greater procedures simplicity, greater automation and precise recording of all activities. For such a company, it is essential to prove objectively the accuracy and the compliance of services carried out. The implementing solution guarantees these results. It is necessary to keep high quality standards for products to guarantee security and employees safety and, the last but not the least, to preserve the environment surrounding the production sites. The plants maintenance activity is an important factor that deserves an appropriate attention. For this reason, the company intends to give it the right consideration to defend the leadership that the market recognizes.



20060 Bussero (Milano) Italy - Via Milano, 15/i
Tel. +39 02 95038260 - Fax +39 02 95039892

mkt@inspiringsoftware.com - www.inspiringsoftware.com