

Rivard

Reducing **VOCs** and increasing competitiveness

Rivard modified its equipment and paint processes to reduce its volatile organic compound (VOC) emissions, resulting in a 50% decrease in the VOC emissions, paint consumption cut by half and a two-year return on investment.



Rivard SA

OUR CUSTOMER

Corporate name

Rivard

Activity

Design of high water-pressure cleaning systems

Sales turnover

36 million euro

Country

France

Context

Complying to legal standards on VOC and improving processes

Conforming to regulation, it's a known fact, can turn out to be very beneficial! Established in Daumeray (Maine-et-Loire), Rivard SA manufactures cleaning systems using high and very high water pressure, pumps, trench diggers for installation or maintenance of supply systems (water, gas, electricity, etc). Willing to improve the performance of its painting and coating processes and to ensure its compliance to the new regulations concerning the emissions of volatile organic compounds (VOC), it decides

at the beginning of 2005 to carry out an "emissions control plan" (Schéma de maîtrise des émissions, SME).

Modifying processes

"To carry out the SME and help us defining new painting processes which comply to regulations and are more economic, we immediately called upon Cetim's engineers with which we use to work", explains Jean-Pierre Lac, chemical engineer in charge of processes. After analysis, Cetim's team proposes to the company to set up an automated and continuous

process including together preparation of paint using their initial tray (pumping, proportioning, mixing), in-line feeding of electrostatic pulverization guns, and a control system measuring consumption using flowmeters and volumeters. And the results came immediately!

Gains of 50%

"The new installation allowed to reduce by 50% the VOC emissions, says Jean-Pierre Lac. And what is more, immediate savings of 30% on paint consumption, this leading to a return on investment of two years and three months."



Cetim's asset

Cetim's skill on regulations and technologies allow it to combine conformity to standards and gains in competitiveness. Practical and technical know-hows which allow fast and sure returns on investment.