

Eurovoirie

# Guaranteeing noise and vibration levels

In order to meet the regulatory requirements that came into force in January 2010, Eurovoirie had noise and vibration tests carried out on its new range of household waste collection trucks – resulting in a distinct commercial advantage.

**F**ounded in 1978 and taken over in 1992, Eurovoirie is the French distribution subsidiary of the Spanish group Ros Roca, the leading manufacturer and retailer of household waste collection vehicles.

In 2010 the marketing of the Olympus range of waste collection trucks coincided with the new Machines 2006/42/EC directive that brings into force new noise and vibration requirements.

## Jointly established test protocols

Jean-Luc Philippe, in charge of statutory matters at Eurovoirie, explains: "We consulted Cetim to address the requirements of the Machines directive and the Outdoor 2000/14/EC directive

*and to ensure the quality of the measurements and the conformity of the equipment. We drew up the new test protocols and measurement process together".*

The measurements were carried out on several machines and contributed towards increasing the reliability of the data already acquired at Eurovoirie. The vibration measurements in the driver and waste collector work stations were defined. The measurements were carried out using multi-channel analysers on six points at the same time. The acoustic power was measured on a set of three machines, and vibrations on the road were recorded on a single truck on a typical journey with regular stops every hundred meters.

## Cetim's asset

Cetim boasts measuring equipment and facilities designed to respond to business demand in the field of noise and vibration certification for moving machinery and vehicles. Test protocols are adapted to conform to regulatory constraints and contracts in line with calls for tender.



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## Guaranteed measurements

"The results show that the vehicle complies with the standards", adds Jean-Luc Philippe, "meaning that we can accurately report and guarantee a given noise and vibration level to our clients. In fact, we are increasingly approached by clients who are having problems with noise and vibrations, and often as early as the call for tender or specifications stage. These strict tests have brought us a distinct commercial advantage".

Customer satisfaction has become all the more important for Eurovoirie since the company was awarded ISO 9001-2008 certification by Veritas and was classified as an "approved bodymaker" by UTAC. In addition, the test procedures can be repeated if a machine undergoes development or if a customer requires a specific test protocol.

## OUR CUSTOMER

**Corporate name**  
Eurovoirie

**Activity**  
Design, development, assembly, marketing and maintenance of household waste collection trucks, road sweepers and washers, spare parts

**Sales turnover**  
Approximately 40 million Euros (2008)

**Workforce**  
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