

Montupet SA

Reducing noise pollution

Concerned about controlling its activity's noise-related impact on the environment, Montupet collaborates with Cetim on a regular basis.

The company Montupet is specialized in the production of aluminium parts for the automotive industry. As its Nogent-sur-Oise (60) site is located in an urban area, it wanted to reduce the noise pollution generated by certain extremely loud operations.

A drastic decrease in noise levels

"Our goal at the time (1988) was to better understand internal noise sources so we could reduce them," explains Yves Cadot, Montupet's Environmental manager. After taking measurements from all workstations, Cetim recommended several solutions

to treat the primary noise sources. As such, and particularly thanks to enclosures, Montupet has successfully lowered the acoustic pressure level of its machines from 120 to 85 dB.

A few years later, the company asked Cetim to perform a series of night-time noise measurements to precisely determine its activity's impact on the environment; in light of the results, it set up an acoustic treatment system for its ventilation.

Treating noise at the source for even greater effectiveness

Highly satisfied with its partnership with Cetim, Montupet decided to once again



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avail of its services when setting up its new site in Laigneville. This time, the company took a different approach: "In light of our past experience, we took noise into consideration starting with a forecast study, since it was easier to treat," highlights Yves Cadot. Relying on data already in its possession, Cetim took measurements in still-empty buildings in order to spot weak points. Outlying sources and spots lacking insulation at the site were also carefully recorded. Finally, Cetim's team suggested that Montupet modify certain openings and optimize the installation of machines, with the goal of reducing noise pollution for local residents as much as possible.

OUR CUSTOMER

Business name:
Montupet SA

Turnover:
460 million euros (2006)

Country:
France

Activity:
Light metals foundry specialized in the design and production of aluminium parts for the automotive industry.

Contexte d'activité:
Montupet has locations in Châteauroux (36), Nogent-sur-Oise and Laigneville (60). Its head office is based in Clichy (92). The company also has several subsidiaries abroad.

Cetim's asset



Montupet was able to enjoy Cetim's extensive experience in the field of metal processing industries. In the framework of industrial issues related to decreasing noise pollution, Cetim's teams provide expertise concerning:

- special on-site intervention procedures

(night measurements, etc.);

- implemented material resources: acoustic forecasting software, measurement equipment for complex configurations and severe intervention conditions, etc.

Cetim's engineers offer proposals and solutions that are both effective and economically realistic.