



A new anti-pollution generator at Industrie Pininfarina of Grugliasco

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Industrie Pininfarina of Grugliasco has upgraded its Heating Plant by restructuring the electricity cogeneration system, thus making the facility one of the leaders in Italy and the rest of Europe in terms of its environmental impact. The new plant, which has been operating since 2001 and has a potential output of 4 MW with a total energetic efficiency of 72%, entailed the installation of two Wartsila internal combustion gas-fuelled engines and a new TCS steam generator, designed to recover heat from the engine exhaust fumes and to produce steam for technological requirements.

In view of the fact that the Grugliasco plant is located in a built-up area, Industrie Pininfarina asked the company building the generator to pay particular attention to the final treatment of the emissions of burned gas from the engines.

After the initial trial period and a number of additional improvements, the plant stabilised at average emission levels of nitrogen oxide and carbon monoxide that are 28% and 65% respectively lower than the levels authorised by the Piedmont Regional resolution n. 614/2000, related to ordinary gas-fuelled engines. These levels were already lower than those fixed by the D.M. 12/07/1990.

Industrie Pininfarina was also the first Company in Italy to operate the "Blue Sky" painting plant for its cars, in collaboration with PPG Industries, back in 1990. This plant cuts polluting emissions by enormous amounts, while maintaining the same outstanding quality levels.

With this undertaking, Pininfarina confirms its long-standing commitment to the environment, both in the industrial sector of activity and in the research and development fields, which was expressed with the realisation of prototypes conceived to make a concrete contribution to solving the problem of congested urban areas troubled by pollution (for example, the Ecos of 1978, the Ethos of 1992, the Ethos 2 of 1993, the Ethos 3 of 1994, the Ethos 3 EV of 1995, the Eta Beta of 1996, and the Metrocubo of 1999).