



stream|ine

COMMITMENT TO THE ENVIRONMENT



2009 ENVIROMENTAL STATEMENT



ZUCCHETTI



Located in Gozzano, at the southern end of the spectacular lake Orta, in northern Italy, Zucchetti has always been acutely aware of its responsibility to care for its surrounding environment.

In fact, Zucchetti has had a leading role on boards charged with monitoring and overseeing the environmental impact of all industry in the area.

As Zucchetti has evolved and progressed, one of its fundamental objectives has always been to respect & preserve this beautiful area. Manufacturing over 90% of its components in-house, Zucchetti not only controls the quality of its products but also how its products are produced.



Controlling and caring for the traditional elements

Earth

Following on from this commitment, Zucchetti has always invested heavily in the latest manufacturing processes, ensuring that its equipment remains state-of-the-art and that it's able to safeguard the environment. This high-tech manufacturing facility enables the collecting of all of the brass scale. This is then sent back to the foundry for use in making new products. The plant also concentrates sludge that cannot be further recycled into compact easy to dispose of blocks.



Mechanical manufacture—flexible cell Vertiflex



ZUCCHETTI

Wind

The technology used in Zucchetti manufacturing facilities keep in mind the health and well-being of those who work in the plant as well as those who live around it. Long before community pressure forced other companies to clean up their act, an efficient air treatment system had been operating for years at the Zucchetti plant.

In the polishing department, airtight booths isolate the robotic polishing equipment making it possible to remove all the dust produced by the polishing.

Every hour 300,000 cubic meters of air is sucked in, purified and readmitted to the environment. The system even accumulates heat from the manufacturing process to use to heat the factory and offices during winter.



Airtight polishing booths



Water

Zucchetti has, for a long time, re-used the water in the manufacturing process. The water passes through a sophisticated filtration system with ion exchange resins that achieve 85% recycling. A great result. However, one Zucchetti is consistently looking to improve.

Zucchetti also, unlike many other producers in this sector, uses low polluting water based detergents.



Control centre—water treatment

Summary

Manufacturing has its effects on the environment. However, at Zucchetti, the owners, managers and staff all live in, work in and love the environment around the Zucchetti plant. So you can be assured of on going commitment by the people to this environment. The Zucchetti commitment to leading the market extends to every operation of it business, not just the best tapware designs.



Accepting our responsibility for sustainable development

Roca's international expansion in recent years has made it possible to integrate the expertise of professionals from various cultures and disciplines, greatly enriching the cumulative know-how acquired by the group over its history. One of the contributions that best exemplifies this exchange of know-how is the implementation of common measures for environmental protection at all 68 production plants around the globe. This has exceeded the regulatory requirements of most countries.

Roca has made a major investment in automation of manufacturing processes through the use of robotics to improve working conditions, while minimizing the effects of manufacturing activities on the environment. Manufacturing facilities have been designed to avoid human involvement in hazardous processes, while also ensuring a uniform quality of all manufactured product. For instance, pressure-casting machines have allowed dramatic reductions in clay waste, with usage dropping from **1.25% to 0.0002%**.

Zero waste program

One of the most ambitious of Roca's commitments to date is the waste treatment program Zero Residue, initiated in Roca production centers in Brazil and Argentina. This initiative plans to re-use the waste products from processes like water purification, the manufacture of plaster moulds and the destruction of unusable components, to achieve a 100% reduction in waste products before 2010.



Additional Information

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