

Compliance with the most stringent standards_

Nexans adopts and promotes an exemplary attitude in its approach to questions of the environment and safety. Its production sites meet the most stringent standards in both these areas.

And the products they manufacture and distribute across the world benefit from substantial research budgets devoted in particular to fire protection and end-of-life recycling.



compliance with European directives under optimum conditions. Strongly positioned thanks to its numerous industrial facilities, Nexans capitalizes on experience and encourages the transfer of tried and tested solutions.

Recycling—an absolute priority

Nexans is one of the leading French manufacturers when it comes to recycling. It applies an approach based on the different phases of its products' life cycles, and has developed a software called "EIME" that has become a reference in the profession, especially with the Sycabel (Syndicat Professionnel des Fabricants de Fils et Câbles Électriques) and the FIEEC (Fédération des Industries Électriques, Électroniques et de Communication). This program is used during product design to estimate their impact on the environ-

Working to ensure sustainable growth

Today, safety and respect of the environment are the two cornerstones of sustainable growth. Fully aware of these new requirements, Nexans applies the most stringent standards in these two areas to its own work. Thanks to a contract concluded with the

Insurance and Risk Management Department of Alcatel, Nexans benefits from high-level expertise and guarantees regarding fire safety, electronic data protection, problems intrusion, and storage conditions for oils, solvents, and inflammable products, to mention but a few. The majority of its plants

operate in closed loop configurations where emissions are controlled and energy is saved. Virtually all its sites have ISO 14001 certification. The plants meet the same requirements and standards as far as personnel safety is concerned. Two or three-year plans are being implemented to bring machines into con-

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Virtually all the production sites have ISO 14001 certification_ Nexans is one of the world's pioneers in lead-free cables_

Leader in the recycling of gel-filled telephone cables_ RIPS: a dedicated recycling company_

1 million FrF per year and per plant devoted to upgrading facilities to ensure conformity_

ment. It analyzes parameters such as the raw materials and energy used in the various phases of the product's life: design, manufacture, use, and possibly destruction at end of life. This approach has resulted in a genuine policy of collection and recycling through a subsidiary dedicated to the collection of rejected cables. The cables are first sorted, then the pure materials (copper, aluminium and steel) are sold to approved smelters, while the PVC is used to make floor coverings

and posts for vineyards and fencing. Nexans has come up with a multitude of innovative solutions for reusing materials reputed to be particularly difficult to recycle. This is the case, for example, with rubber materials, which can be reduced to powder form and used to make a highly effective rain-shedding road surfacing materials.

At the cutting edge of fire-proof cables

Cables, which are often enclosed in plastic sheaths, are basically fire propagators. This is why Nexans allocates a large part of its research budgets to the development of fire-retardant cables. This research has resulted in the creation of flame-resistant products that emit no toxic fumes and continue to function at extremely high temperatures for a long time after fire has broken out.

Such cables can thus prevent the power cuts that aggravate the catastrophic nature of fire situations. These cables are used in environments such as submarines, aircraft carriers and thermal or nuclear power plants. The tragic consequences of recent road and rail tunnel accidents should lead to the more systematic and restrictive use of fire-resistant and special cables. In this domain, Nexans has an undeniable technological lead over the majority of its competitors.

Recycling of telephone cables

Nexans is one of the world leaders in the recycling of telephone cables. It has a highly efficient process for sorting their constituents: metal, plastic and above all the gel filling used to render telephone cables waterproof.



Cables with mineral insulants

Nexans manufactures cables with mineral insulants that function on the principle of powder-filled tubes. Other mica-based cables enclosed in special plastic sheaths that withstand extreme temperatures and pressures are used in nuclear power plants.

