

## Vecom Industrial Services B.V. is awarded the ISO 14001 Environment Certificate

Vecom Industrial Services B.V., a division of Vecom Metal Treatment Technology B.V., has many years of experience in, among other specialities, chemical-technical cleaning and the process of chemical waste. With our mobile cleaning units, waste-processing installations, pickling halls and laboratory Vecom can provide a “**one-stop-shop**” solution for all your cleaning and wastewater problems.

The service package of Vecom Industrial Services B.V. can be roughly divided into:

### Chemical-technical Cleaning

- ▶ Degreasing, pickling and passivation of process installations in the pre-commissioning phase.
- ▶ Circulatory cleaning of process installations, equipment, pipe systems etc. for maintenance purposes.
- ▶ Chemical cleaning after disasters.
- ▶ Cleaning of pipe systems using “pigs”.
- ▶ Boiler cleaning, both gas and water side in both the pre-commissioning and maintenance phase.

### Waste Water Treatment

- ▶ The processing of waste streams containing metals, acids and bases originating from the electroplating industry, process industry, chemical cleaning and collection of hazardous waste streams.
- ▶ Categories of waste that can be processed include
  - Acids and bases
  - Electroplating process baths
  - Rinse water streams
  - Thin slurries and filter cakes
- ▶ The processing of your wastewater to a specific filter cake that can be put to good use (waste containing copper, nickel and antimony).
- ▶ The emptying and cleaning of electroplating process baths/storage tanks and floors.
- ▶ The transportation of various waste streams according to the VLG/ADR legislation.
- ▶ Supplying new process baths and/or their replenishment.



V.I.S. has for the services specified above had its quality assurance system accredited to ISO 9002, VCA\* and SIR (Stichting Industriële Reiniging) [Industrial Cleaning Foundation]. Because the activities of V.I.S. B.V. can exercise a great deal of influence on the environment, an environmental quality assurance system has been in place in its organization for many years (KMV system).

As a sequel to the ISO 9001 quality standard a quality standard (ISO 14001) was established in 1996 for environmental management systems. The purpose of the ISO 14001 standard is continually to initiate and put into industrial practice improvement processes that adopt as initial criterion the reduction of environmental impact to a minimum. An important aspect of this is that it is underwritten by senior management and established in a so-called **policy statement**.

The transition from the Vecom KMV system to the NEN-ISO 14001 was effected by listing all the environmental aspects for all activities of V.I.S. B.V. This list enabled us to identify the critical actions/situations and to include them in an improvement process.

Item	Objective	Actions
Cleaning products	Minimizing environmental impact	Research & Development
Residual materials	Reduction & Recycling	Pilot study (drying filter cake / effluent polishing)
Collection/processing waste	Optimization	Inventorying waste production Vecom group / inventorying waste processing procedures

### Management's policy statement

Vecom Metal Treatment Technology B.V. (VMTT B.V.) located in Maassluis, the parent company of, among others, Vecom Industrial Services B.V. (V.I.S. B.V.), stipulates herewith that the management of this company has been instructed that one of the basic principles of corporate operations shall be the preparation, introduction and maintenance of an environmental care system that meets the requirements stipulated in the NEN-ISO 14001 standard as well as the regulations applying within the company for the protection of well-being, environment and health.

The environmental care system has been prepared with the intention of optimizing and managing the organization of the companies and the implementation of the activities such that the legal requirements and the requirements set by NEN-ISO 14001 are met and continuous improvements to that optimization are realized.

The director involved shall establish and review on an annual basis the corporate objectives (management review). After review any findings can, where necessary, be corrected. The management shall where necessary, on the basis of the management review, modify or renew the policy and add fresh objectives.

The management shall provide the tools and resources that are required in order to work adequately and safely and to meet the legislation and regulations.

A representative has been appointed from the management team of VMTT B.V. who will report to senior management and who shall be responsible for the implementation, supervision of compliance, where necessary modification and the controlled issue of procedures and operating instructions for the various operating companies.

A KAM manager will assist him in this, one with the full authority to take corrective action in the event of variances detected in the system and to report this to the management representative with a specification of the corrective measures adopted and their effect.

VIS B.V. must also meet the VCA\* requirements.

The management representative shall employ internal audits in order to ensure that employees at all levels understand and are observing the policy, objectives, quality and operating instructions.

The policy shall also be available for third parties such as local residents, subcontractors and third parties working for the company.

### Audit ISO 14001

On 26 August 2003 Lloyd's Register assessed how the procedures prepared on paper and the operating instructions were being employed in practice. **This audit resulted in the award of the ISO 14001 Environmental Certificate.**

