



# A.B. Industrial Recycling Technologies



Avi Ben-Laish

A.B. Industrial Recycling Technologies is a company that provides advanced technological solutions in all areas relating to environmental protection. The company was established in 1994 by Avi Ben-Laish, who is the company's CEO. Since 1984, his experience has involved activities relating to environmental quality. Prior to the establishment of the Environment Ministry in Israel, Mr. Ben-Laish was one of the first to introduce the implementation of waste treatment through ion exchange in the metal-coating industry and in factories producing printed circuits in Israel.

- > The company has focused on improving and optimizing existing environmental protection measures implemented in industry, as well as initiating and developing new measures preventing sanctions by the legal authorities. Mr. Ben-Laish is currently a consultant to corporations and factories involved in a wide range of areas, carrying out his activities in Israel and abroad.
- > Commitment to activities in areas relating to environmental protection, pursuant to the spirit of the law, have often been regarded by many company owners as having no value or, alternatively, of being a nuisance. In the short term, these activities do not generate a profit and complicate existing manufacturing processes, making them more expensive. A.B. Industrial Recycling Technologies develops and markets advanced technological methods that enable companies to efficiently comply with the requirements of the law in a profitable way.

## A.B. Industrial Recycling Technologies provides the following services and expertise:

**Environmental protection:** Ecological consultation and business licensing, representation and work before the authorities and handling of actions by the Environment Ministry. In many instances, Avi Ben-Laish's experience and reputation have led to legal proceedings being dropped or, when trials have already begun in court, the prosecuted companies have won.

- > Preparation for standard certification:
  - ISO - 14,000 Environmental Management Systems
  - ISO - 18,000 safety and hygiene
- > Ground Investigation & sampling - Risk-Based Corrective Action (REBCA) certified
- > Accredited as a court witness in the field of environmental quality
- > Authorized supplier to the Israeli Defense Ministry

**Biotechnology:** Consultation and provision of methods, processes and materials to soil remediation clean-up, wastewater, decomposition of fats, oils, fuels and organic substances, and neutralization of odors.

Cleaning of reservoirs, removal of sludge from container bottoms, separation of solids, using robots and sophisticated technical equipment without interrupting the operation of installations and more.

Recently, Bioremediation treatment of the seashore at Kiryat Haim in Haifa for petroleum contamination, using the most advanced biological substances to the satisfaction of the Environment Ministry. Invited to train teams to treat sea contamination in courses run by the Israeli Environment Ministry.

Supply of alternative substances to hazardous solvents and bioreactor facilities to clean and wash parts in maintenance departments, garages, factories and production lines.

**Safety services:** Supply of materials and means for handling waste and hazardous substances.

- > Provision of resources - spill containment pallets, barriers, emergency equipment

- > Planning for the storage of hazardous substances and management systems for transport of hazardous substances
- > Supply of the stands designed for washing parts using non-hazardous substances - "green" substances that are environmentally friendly.

**Sealing of containers and piping:** Recognition and implementation of advanced methods. Certified by an international British company to carry out inspections.

**Nano vapor:** Treatment of gas. Neutralizing of all types of gases - Toxic, Explosive and hazardous - as well as neutralizing bad odors on the molecular level.

**Battery recycling:** Recycling of lithium and other kinds of batteries. Certified and approved by the Environment Ministry.

**Used oil:** Development of systems for the management and control, transport and logistics of used oil collection systems. Arrangements for the removal, treatment and recycling of used oil on the specific, local and national levels. One of the pioneers in introducing and using used oil recycling technologies as an alternative energy source in Israel.

**Treatment of environmental contamination:** Many years of experience, locally and internationally, in the treatment of environmental contamination. In daily contact with the relevant entities at the Environment Ministry and other relevant authorities.

**Packaging:** Consultation and provision of packaging designed for the transport and storage of hazardous substances.

**Treatment of industrial waste:** Modification of equipment for factories and both simple and complex industrial systems, including industrial factories, institutions, hotels, restaurants, municipal waste, and agricultural waste.

**Metal coating and finishing:** Implementation of advanced methods and procedures for coating metals and printed circuits - resource-saving methods that make it possible to comply with the various standards of the legal authorities.

### Partial list of clients:

The IDF; USA ARMY, Aircraft Industries; Dead Sea Works; Ambar Granot agriculture cooperation; Keter Plastic; Tadir-Gan Precision Products; Ortal Magnesium; PCB (printed circuit board) Technologies; "Efe" Landfill, garages for Toyota, Volvo, Subaru.

### A.B. Industrial Recycling Technologies

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