

BÁRCZY Environmental Protection Ltd.



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INTRODUCTION

BARCZY Ltd. was established in 1991. Our company is a family business with 100% private ownership. We do commerce and engineering in the field of environmental protection.

Our goal is to help our partners in preventing and decreasing environmental damages. We distribute different sorbent material.

Furthermore we do consulting and develop specific industrial applications using our sorbents.

Applying our special filtration technology named „selective filtration“ the oily waste water is cleaned for internal reuse or release. Oil content of the filtered waste water complies with the most rigorous thresholds for live water. We obtained an extensive routine in equipping any and all existing or new oil traps. Partners applying our selective filter have remarkable saving on their investment and waste elimination costs.

BÁRCZY Ltd. has 5 employees including 4 engineer, both of chemical and environmental protection.

Our company is certified in accordance with EN ISO 9001 and EN ISO 14001

MAIN ACTIVITIES, PRODUCTS AND SERVICES

Distribution of different type adsorbents for liquids

We distribute a wide range textile and loose absorbents to answer accidental release of hazardous liquids during production, storage or transportation. Our sorbents are perfect for environmental remediation as they are fast in action while in the same time producing minimal waste. Besides the sorbents, we offer for our partners different accessories, which are very useful against the liquids in every cases.

Special, own developed products

Selective oil separator pit

This separator is designed to remove separated oil droplets floating in water. It is of continuous operation and is also able to stop big-scale accidental oil release. The standardised plastic pit is made of reusable polyethylene easy to install. The oil separator may stand alone or connected subsequently to an existing water treatment system. It is advisable to install in all cases where low oil content is present in major water quantities.

Water treatment capacity: 5 liter/s

Outlet oil content of the filtered waste water is less than 2 mg/liter.

After installation the filter pad needs no maintenance apart from regular visual monitoring controlling pad saturation. Oily staining of the blue fabric above water level indicates saturation. Life expectancy of the filter is subject to the load, assuming normal load is more than one year.

These oil separator meets the award criteria and has the right to carry the „Hungarian ECO label“, and awarded with the grand prize of „INDUSTRIA 2005“

Oil separator for rain water

This is a small environmental equipment to be placed into sewer in order to remove oil, hydrocarbons or any other organic liquid that separates from water. It is designed to catch oil dropping from vehicles, but in the same time it is an efficient tool in minimising damages in an emergency situation. It is an ideal solution for extremely fluctuating hydraulic load or varying extent of contamination. Due to its inbuilt overflow it does not retain excess water in case of heavy showers. It is recommended at every place exposed to heavy traffic fuel stations, parking places, etc.

It is easy to install even into existing sewers. There is no need for any demolition, or building huge and costly oil separators.

The device needs no maintenance apart from regular surveillance and sorbent replacement when fully saturated. Estimated lifetime is several years depending on the load.

Water treatment capacity 10 liter/s

Outlet water oil content less than 2 mg/liter

Patent No.: 2904 (Hungarian Patent Office) for using on the roads
3013 (Hungarian Patent Office) for using on the bridge

These oil separators meets the award criteria and has the right to carry the „Hungarian ECO label”, awarded

with the grand prize of “INDUSTRIA 2005”

with the grand prize Hungarian Quality Product

and earned a lot of merits on International Innovation Exhibitions: Nürnberg, Gdansk, Bucharest, Zagrab, Budapest



We are looking for partners all over the world to cooperate in distributing of these equipments.