

CECA boosts its position in the environment market with first successful Activated Carbon turnkey solution for European eco-players.

The use of solvents represents the main source of VOC (Volatile Organic Compound) emissions (29 % of emissions - Source MEDD) for both household and industrial uses. Reducing solvent emissions and complying with environmental standards are often regarded as costly constraints by manufacturers.

In an attempt to solve this problem, CECA [www.ceca.fr], a subsidiary of the ARKEMA Group, has successfully developed a specific range of extrudate activated carbon adsorbent marketed under the tradename Acticarbon® ACM 35 or 40, combined with the « CECASORB® shuttle ». CECA supplies manufacturers with a « three-step » environmental solution for spent activated carbon, namely the CECASORB® shuttle.

« The combined supply of our activated carbon renowned for its performance and consistency and our « CECASORB® » shuttle service offers manufacturers a reliable, quick and cost-effective turnkey solution as they do not need to invest in a treatment plant » explains Eric Demangel, Head of Technical Support - Environment. CECA takes care of everything ! We have been handling the environmental issues of many Italian and French manufacturers, and we are very pleased with our track record in this area ».

- ❑ The shuttle (a 50 litre 30 m3 mobile unit) containing spent activated carbon is collected from the customer's site and replaced with a new one. This solution avoids the constraints associated with handling contaminated product.
- ❑ The spent carbon is then regenerated in a dedicated CECA plant. CECA operates one of largest regeneration facilities in Europe, and the largest in Southern Europe, in LEGNAGO, Northern Italy. The regeneration of activated carbon is the most ecological solution to avoid post-treatment waste. With the rise in landfill waste disposal costs, it is also becoming the most cost-effective solution for industry. Reactivation is a high-temperature process which destroys trapped organic pollutants and frees up the pores of the adsorbent. All activated carbon in the form of pellets (granule or extrudate) which are hard enough can be reactivated and thereby have its initial effectiveness restored.
- ❑ The shuttle comes back to its departure point ready for use with regenerated carbon.

A simple environmentally sound solution !

Find out more about CECA (www.ceca.fr): CECA, a subsidiary of the ARKEMA Group, is a world player in Specialty Chemicals. CECA constantly strives to improve its customers' performance by creating and developing adsorbents, chemical intermediates, and additives. CECA operates an extensive network of industrial facilities in Europe, together with two research centres (GRL and CRRA) dedicated to Customer innovation.

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Talent **Added**