



VENTIL
AQUA

PORTFÓLIO

Chemical and Pharmaceutical Sector





Chemical and Detergents

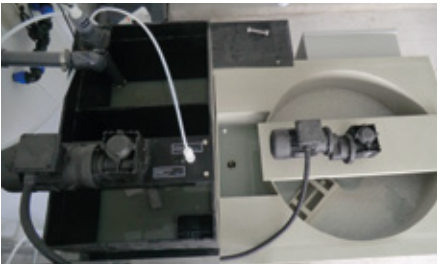


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Activity	Year	Country	Description
Detergents	2010	Portugal	International homecare detergents producer, requiring system to remove detergents and organic load from their waste waters to comply with local regulations for water discharge. System composed by Electrocoaltion cell, coupled with DAF flotation unit and filter press for sludge dewatering, all manufactured by VentilAQUA BLUE. Results according to requirements, included low treatment cost, as expected.

Project Data

Inlet COD - 2000 mg O₂/L
SS - 1500 mg/L
Flowrate - up to 2000 L/h



Client
RECKITT BENCKISER (PORTUGAL), S.A.



Activity	Year	Country	Description
Chemical WW Managment	2014	Slovenia	Public sewage treatment station, receiveing also industrial waste waters by truck, which caused terrible problems to existing biological treatment plant with these heavy loads coming from industrial waters. Managing these industrial waters in order to add them continuously and under control to plant was a first step, combined with Electrocoagulation cell coupled with DAF unit. Removals reached more than 90% in some cases, eliminating all usual problems in main treatment plant.

Project Data

Inlet COD - up to 130000 mg O2/L
SS - 95000 mg/L
Flowrate - up to 2 m3/h



Client

JP CENTRALNA ČISTILNA NAPRAVA DOMŽALE – KAMNIK d.o.o



Activity	Year	Country
Chemicals	2006	Portugal

Project Data

Inlet COD - 670 mg O₂/L
SS - 310 mg/L
Flowrate - up to 10000 L/h



Client

CARBOGAL - CARBONOS DE PORTUGAL, S.A.

We protect your future!





Activity	Year	Country	Description
Detergents	2009	Portugal	Waste waters are coming from the industrial production of wines. This activity is characterized by a strong influence of seasonality, as it mainly occurs during 1-2 month per year, whereas the remaining months the activity is very low. For that reason the technology applied is a batch biological oxidation process or SBR process (sequence batch reactor), which in this case uses two SBR reactors. The destination of the treated waters are the public domain.

Project Data

Inlet COD - 4500 mg O₂/L
SS - 2100 mg/L
Flowrate - up to 2000 L/h



Client
CRIMOLARA PRODUTOS QUÍMICOS, S.A.



Activity

Year

Country

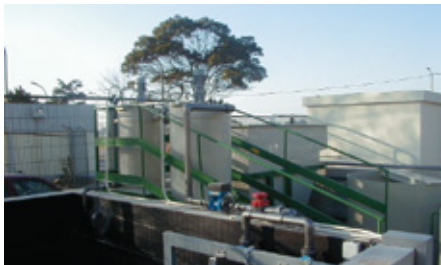
Pharmaceutical

2004

Portugal

Project Data

Inlet COD - 2000 mg O₂/L
SS - 61 mg/L
Flowrate - up to 6000 L/h



Client

SOFARIMEX - IND. QUÍMICA E FARMACÊUTICA, LDA.

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the most advanced and
up-to-date technologies (...)*



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Activity	Year	Country
Pharmaceutical	2010	Portugal

Project Data

Inlet COD - 1200 mg O₂/L
SS - 520 mg/L
Flowrate - up to 4000 L/h



Client
LABORATÓRIOS BASI, S.A.



Activity	Year	Country	Description
Detergents	2008	Portugal	Large detergent and other homecare products producer, needed an efficient system to remove these continuously changing contaminants from waste waters. Solution includes Electrocoagulation cell, coupled with lamella settler and flotation unit to remove floating sludges, as well as filter press to dewater sludges. Customer complies with all local regulations, at a very low operating cost.

Project Data

Inlet COD - 2500 mg O₂/L
SS - 1200 mg/L
Flowrate - up to 1000 L/h



Client
SOLIDAGO, Lda



References

Other references

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2017
Spain

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2008
Spain

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2009
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Spain

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Chemicals
2001
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