

# iz hrvatskih znanstvenih časopisa

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75<sup>th</sup> birthday of Professor Josef Horák

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# industrijsko-gospodarski pregled

Uređuju: Hedviga Kveder i Marija-Biserka Jerman

## Novi centar za oslojavanje

Tvrtka Sulzer Metco otvorila je nove centre za oslojavanje, koji korisnicima pružaju rješenja za njihove potrebe pri oslojavanju svojih proizvoda. Centri u SAD, Švicarskoj i Japanu omogućuju dobivanje proizvoda za oslojavanje podešenih prema potrebama kupaca. Uz to se dobivaju potrebne usluge uhodavanja i podrške u primjeni proizvoda, kao i potrebni servisi tijekom rada. Nove prevlake su pouzdane, izvrsnih performansi i dužeg vijeka trajanja.

M.-B. J.

## Sulzer nabavlja oslojavanje ugljikom dijamantne strukture

Tvrtke Sulzer i Bekaert, Kortrijk, Belgija, dogovorile su preuzimanje Bekaertovog poslovanja s antifriksijskom tehnologijom oslojavanja ugljikom dijamantne strukture (DLC). Tehnologija Bekaert DLC razvija oslojavanje tankim prevlakama, koje daju kombinaciju vrlo niske otpornosti trenja i ekstremne tvrdoće. Te prevlake omogućuju smanjenje habanja i trenja u mnogim industrijskim primjenama, kao što su dijelovi strojeva, komponente za automobile, kalupi za plastiku i metale. Prevlake DLC komplementarne su Sulzer Metcovom asortimanu naprednih sustava oslojavanja i servisa u području fizikalnog taloženja para i toplinske obrade plazmom. Na taj će način Sulzer Metco svojim korisnicima pružati usluge oslojavanja u rasponu od niske frikcije i velike tvrdoće do velike otpornosti na koroziju i habanje.

M.-B. J.

## Sulzerove pumpe u Kini

Tvrtka Sulzer Pumps dobro je uhodana u Kini u tvornici Sulzer China, izgrađenoj u mjestu Dalian, kao i sa servisnim centrima na

više lokacija. Tvornica proizvodi pumpe za potrebe postrojenja za energetske proizvodnje, kako konvencionalnih tako i nuklearnih elektrana. Dobila je veliku narudžbu za napojne vodene pumpe za kotlovnice i dodatne uređaje za program nekoliko nuklearnih elektrana, čija izgradnja se očekuje 2010. godine.

M.-B. J.

## Najveća tvornica bioetanola u SAD-u

Lurgi AG, tvrtka grupacije GEA, gradi tvornicu etanola u mjestu Hereford, Teksas za grupaciju Panda Development. Tvornica će proizvoditi 140 kt etanola godišnje na bazi žitarica. Energija potrebna za rad postrojenja dobit će se od gnoja stoke i otpada pamuka. Trebala bi to biti najveća tvornica etanola na osnovi biomase u SAD-u.

M.-B. J.

## Nova postrojenja za smanjenje onečišćenja zraka

Podružnica grupacije GEA, Lentjes, pomoću svoje tehnologije pogodne za okolinu smanjit će onečišćenje zraka na tri energetska postrojenja u Vel. Britaniji. Rugeley Power Ltd. sklopila je s tvrtkom Lentjes ugovor vrijedan 145 milijuna eura za izgradnju stanice za desulfurizaciju otpadnih plinova iz elektrane Rugeley sjeverno od Birminghama, koja proizvodi oko 1 000 megavata struje. Time će se hvatati oko 94 % sumpora iz otpadnih plinova. Lentjes gradi slična postrojenja i u elektranama na sjeverozapadu i zapadu Yorkshira, gdje vlasnik Scottish and Southern Energy investira više od 333 milijuna eura za desulfurizaciju otpadnih plinova iz tih elektrana.

M.-B. J.