

contents

March 2019 • Vol. 98 No. 2

feature articles



cover story

24

Delicate balance in a tough environment: Refractory selection for fluid catalytic cracking units

Petrochemical refining challenges refractory materials to handle not just heat, but abrasion, in changing harsh environments within the fluid catalytic cracking unit.

by Stephen Karns

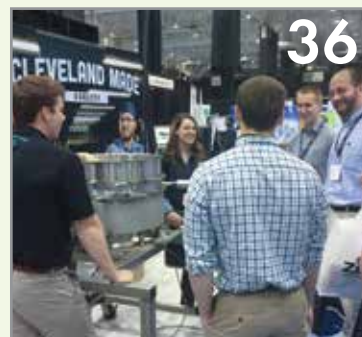


28

Research and progress in castable refractory development

Adoption of monolithic castable refractories is one of the industry's great success stories, but was decades in the making.

by Charles E. Semler



36

Ceramics Expo 2019 I-X Center in Cleveland—April 29 - May 1

Channeling Ceramic Enterprise and Expertise

department

News & Trends	3
Spotlight	8
Research Briefs	16
Ceramics in Energy	19
Advances in Nanomaterials	20
Ceramics in Biomedicine	21
Ceramics in the Environment	22

columns

IMFORMED insights	6
<i>Alternative solutions driven by China supply squeeze</i>	
by Mike O'Driscoll	
Deciphering the Discipline	48
<i>Traditional ceramic technology in service of humanity. An Indian story based on potteries</i>	
by Arjak Bhattacharjee	

meetings

EMA 2019 recap	34
ICACC19 recap	35
25 th International Congress on Glass (ICG 2019)	40
GFMAT-2/Bio-4	42

resources

New Products	43
Calendar	44
Classified Advertising	45
Display Ad Index	47

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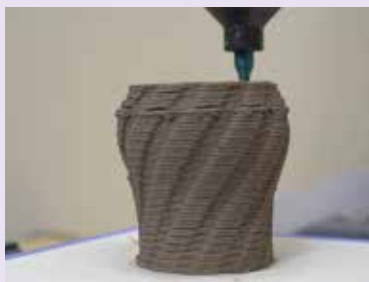


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As seen on Ceramic Tech Today...



Credit: UTEP Miners, YouTube

Video: 3D printing creates ceramic sculptures...but is it art?

Students at The University of Texas at El Paso created 3D-printed ceramic sculptures for an art exhibition. The project raised questions among students about if 3D-printed objects are real art.

Read more at www.ceramics.org/ceramicsculptures

As seen in the January/February 2019 ACerS Bulletin...



Ceramic materials engineer a cleaner, safer world

Modular filters based on silver-coated ceramic granules provide sustainable, affordable access to clean water when water treatment infrastructure is lacking.

Read more at www.ceramics.org/cleanworld

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