



On the cover: Airslide fluidized gravity conveyor is one of eight installed at the Lafarge Union Terminal in Convent, LA USA, to transfer cement from the facility's four storage silos to bulk trucks or to a dense-phase conveying system for further transport to river barges. Conveyor is equipped with discharge and flow-control valves to ensure that the required capacities are independently directed to a destination or to additional conveyors serving multiple destinations. Courtesy of FLSmidth, Bethlehem, PA USA, +1 610 264 6800 (www.flsmidth.com).

POWDER and BULK ENGINEERING *International*

VOLUME 10, NUMBER 4

JULY 2017

PNEUMATIC CONVEYING

- 12 Pneumatically conveying fragile materials without particle degradation *John M. Bell*
- 17 Equipment feature: Pneumatic conveying

SOLIDS FLOW

- 18 Retrofitting bins, hoppers, and feeders to solve flow problems *Eric Maynard*
- 23 Equipment feature: Solids flow

GENERAL FEATURES

- Cover 2 Ask an expert: A less expensive ventilation alternative *John A. Constance*
- 8 Mixing mechanics: Practical powder blending: Run-time failures *Fernando Muzzio*
- 24 Powder Show™ 2017 returns to the Midwest
- 25 Featured trade shows: Eurocorr 2017 (Prague, 3-7 September), Process Expo 2017 (Chicago, 19-22 September), T-Plas 2017 (Bangkok, 20-23 September), Powtech (Nürnberg, 26-28 September).

DEPARTMENTS

- | | |
|----------------------------------|--------------------------|
| 4 PBE// update | 28 Call for papers |
| 5 Industry news | 28 Supplier notes |
| 11 Special section: Filter Media | Cover 3 Advertiser index |
| 27 Events | Cover 3 Product update |

www.pbeinternational.com

Powder and Bulk Engineering International [ISSN 1098-6480] (print) [ISSN 1944-8023] (online) is published six times a year in January, March, May, July, September, and November by CSC Publishing, Inc., 1155 Northland Drive, St. Paul, MN 55120 USA.