

Testing for Pneumatic Conveying & De-Dusting



Pelletron recently built a complete new test lab for pneumatic conveying tests for bulk materials. According to the company, features of the service include:

- The flexibility to compare tests between dilute-phase, STRANDPHASE® and dense-phase conveying systems to determine the characteristics of the conveyed products at each conveying technology.
- A special short loop for attrition tests, including wash-out of piping to determine the exact increase of dust generated through pneumatic conveying.
- The FineAnalyzer® to measure dust content through wet test analysis.
- 2 parallel loops, 1 equipped with standard pipe elbows, the other with Pellbows®, to run comparison tests for standard pipe elbows and Pellbows.
- An electronic test report that consists of a PPM analysis, digital images of the material before and after de-dusting, and the increase of dust for each tested conveying method.
- Reporting in accordance with European FEM or ASTM D 7486-08 standards (the ASTM standard measures the dust particle from 1.6 to 500 microns).

info@pelletroncorp.com [1]

www.pelletroncorp.com [2]

Testing for Pneumatic Conveying & De-Dusting

Published on Chem.Info (<http://www.chem.info>)

Source URL (retrieved on *01/28/2015 - 3:51pm*):

http://www.chem.info/product-releases/2012/08/testing-pneumatic-conveying-de-dusting?cmpid=related_content

Links:

[1] <mailto:info@pelletroncorp.com>

[2] <http://www.pelletroncorp.com/>