



## **OVER AND UNDER DRYING:**

# CONSEQUENCES OF INADEQUATE ROTARY DRYER DESIGN

The hidden costs associated with over-dried and under-dried material caused by a poorly designed rotary dryer

## **OVER-DRIED PRODUCT**



## **UNDER-DRIED PRODUCT**



**PRODUCT LOSS** 



**HIGH REPROCESSING RATE** 



#### **POOR FLOWABILITY & HANDLING**

(due to excessive fines generation)



DESTRUCTION OF HEAT-SENSITIVE COMPONENTS



**REDUCED PRODUCT QUALITY** 





GREATER RISK
OF EXPLOSIVITY



CLOGGING OF DOWNSTREAM EQUIPMENT





HIGH REPROCESSING RATE



#### **POOR FLOWABILITY & HANDLING**

(due to a tendency to stick to itself & equipment)



HIGHER SHIPPING COSTS



POTENTIAL FOR MOLD & BACTERIAL GROWTH



CLUMPING OR CAKING DURING STORAGE OR TRANSPORT



NON-DESTRUCTION OF BACTERIA



CLOGGING OF
DOWNSTREAM EQUIPMENT

### FEECO ROTARY DRYERS

FEECO manufactures the world's most reputable rotary dryers. All FEECO dryers are manufactured according to stringent quality control standards and are engineered for the specific challenges of their application for long-term reliability. For more information about our rotary dryers, contact us today at **FEECO.com/contact** 

