

TRIPLE/S DYNAMICS TEST REPORT

Test Date(s): [REDACTED]

Test File No.: 18-021

Product: Potassium Chloride, fine and large custom grades

Customer: [REDACTED]

Equipment: Dwg. # 8630-834, Slipstick HDC-8/3.0-30"W x 8"D x 40'-0"L with 304-2B Stainless Steel Pan

Purpose: Customer demonstration of Slipstick with Eco-Slide Gate for conveying potassium chloride.

TEST # 1

PROCEDURE: Tests to be performed on 2B finish pan. Set lane divider for 8" pan width. Hand dump test material from fiber drums and measure travel rate. Discharge samples off pan end into receiving container. Video each test run.

RESULTS: See travel rates below. 3-1/4" product depth measured in the middle of each run.

OBSERVATIONS: Both materials conveyed very well with little residue and pooling. Considerable dusting at discharge. Leakage at edges of closed Eco-Slide Gate.

CONCLUSION: Slipstick will work very well for this application. Dairy gate required to minimize leakage. Sealed pan covers and booted inlets / outlets required to control dusting.

Travel Rate on 2B Finish Pan			
Run #	Feet Per Minute	Drive RPM	Stroke In.
1	21	257	1.25
2	27.5	274	1.25

