



EASTERN INSTRUMENTS



CentriFlow®

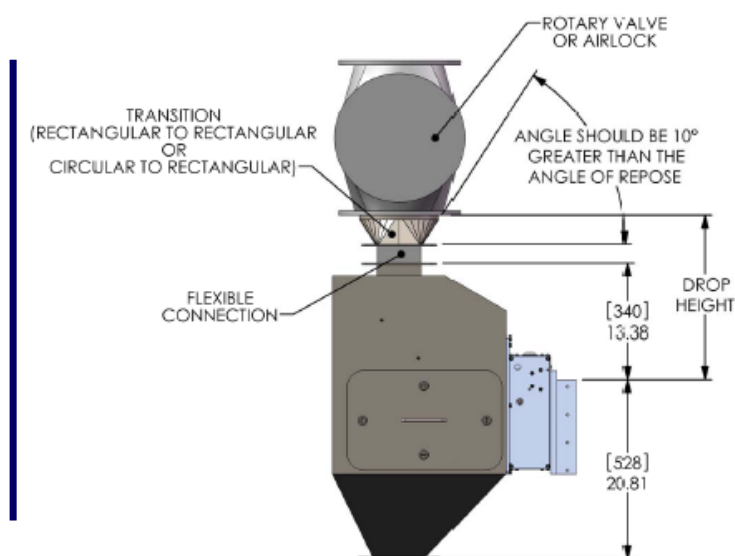
Material Test Report

Barite



CentriFlow®

Date Tested:	August 5, 2002	Temperature:	Ambient (78°F/25.6°C)
Technician:	Alan Norman	Particle Size:	0.025"
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	None
Meter Capacity:	6.75 ft ³ /min	Density (lb/ft ³):	133 lb/ft ³
Feed System:	Rotary Valve	Inhibit Setting:	0.200 Volts



Test #2		Percent of Volumetric Capacity = 50%					
Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error		
1	31.58	31.50	0.997	-0.080	-0.25%		
2	32.00	31.80	0.994	-0.200	-0.62%		
3	35.00	35.01	1.000	0.010	0.03%		
4	42.02	41.91	0.997	-0.110	-0.26%		
5	35.56	35.16	0.989	-0.400	-1.12%		
Average:			0.996				
STD:			0.0044				
% STD:			0.45%				
Additional Comments: Tested with a 6" CentriFlow® Type II Meter. The run time was 15 seconds per batch.							

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within $\pm 0.50\%$ of reading when operating within $\pm 10\%$ of the calibrated flow rate, as long as the flow rate is within the operational range of the meter."