MTR No. 0115-V

EASTERN INSTRUMENTS

Material Test Report

Unfinished Wood Shavings

CentriFlow®

CentriFlow®

Date Tested:	September 12, 2002	Temperature:	Ambient (78°F/25.6°C)
Technician:	James Seagraves	Particle Size:	Powder to 0.25"
Test Location:	Eastern Instruments	Flowability:	High
CFM Model:	6" Type II CentriFlow®	Cohesiveness:	Slight
Meter Capacity:	6.75 ft³/min	Density (lb/ft³):	30 lbs/ft³
Feed System:	Rotary Valve	Inhibit Setting:	0.200 Volts

Test #1 — **Percent of Volumetric Capacity = 50%**

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	10.44	10.41	0.998	-0.026	-0.25%
2	10.00	10.02	1.002	0.017	0.17%
3	10.24	10.27	1.003	0.030	0.29%
4	10.26	10.27	1.001	0.012	0.12%
		Average:	1.0008		
		STD:	0.0023		
		% STD:	0.23%		

Additional Comments: Tested using a 6" CentriFLow® Type II Meter equipped with Vibraweigh®. The run time was 15 seconds per batch.

Accuracy Statement:

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

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