MTR No. 0135-HL

EASTERN INSTRUMENTS

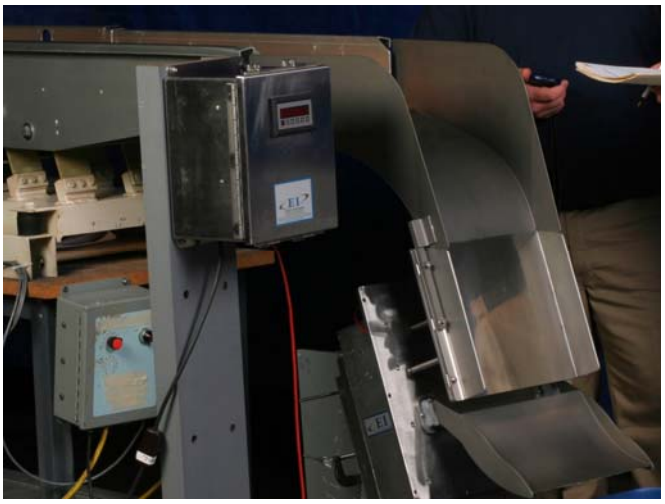
Material Test Report

Screened Wood Chips

CentriFlow®

CentriFlow®

Date Tested:	August 22, 2003	**Temperature:**	Ambient (78°F/25.6°C)
Technician:	Alan Norman	**Particle Size:**	Dust to 2"
Test Location:	Eastern Instruments	**Flowability:**	Average
CFM Model:	12" Type I CentriFlow®	**Cohesiveness:**	None
Meter Capacity:	15 ft³/min	**Density (lb/ft³):**	15-20 lb/ft^3
Feed System:	Belt Conveyor	**Inhibit Setting:**	0.200 Volts



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

Run #	Actual Weight	Metered Weight	Metered/Actual	Delta Weight	% Error
1	7.60	7.57	0.996	-0.03	-0.39%
2	7.58	7.61	1.004	0.03	0.40%
3	7.56	7.57	1.001	0.01	0.13%
4	7.54	7.52	0.997	-0.02	-0.27%
5	7.52	7.48	0.995	-0.04	-0.53%
		Average:	0.999		
		STD:	0.00386		
		% STD:	0.39%		

Additional Comments: Tested using a 12" CentriFlow® Type I Meter in the In-Line Flow Configuration. Run time was 15 seconds per batch.

Accuracy Statement:

"The CentriFlow® Meter will provide accuracy to within ±1.00% 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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