

March 21, 2011

MR. Phillip Parker
P.R. Parker Company Inc.
P.O. Box 5130
Shreveport, LA 71135

Subject: Asphalt Distributor – Bar Test

BAR Unit No: AD-2
Truck VIN: 1FVHF0CV87DZ48629
Truck Year of Manufacture: 2007
Truck Make: Freightliner
Truck Model: Columbia
Tank Manufacturer: BearCat Mfg.
Serial No.: 062007
Year of Manufacture: 07/13/07
Nozzle Set: 4
Capacity: 4350 Fan width @ 12 in: 12"

Dear Mr. Parker

The above mentioned asphalt distributor was calibrated on March 19, 2011, and the distributor was leveled longitudinally and transversely prior to calibration.

The original strap was calibrated and verified and will remain in use. This calibration will remain in effect until such time as the tank is damaged or modified. The spray bar was checked and all tip flows are within 10% of the average.

Charts are attached for your use.

Regards,



Aziz Saber, P.E.
113 Mossy Knoll
Ruston, LA 71270



Texas P.E. 68182



Louisiana P.E. 34624

Enclosures 1-page

TANK

Unit No: AD-2

Truck VIN: 1FVHF0CV87DZ48629

Truck Year of Manufacture: 2007

Truck Make: Freightliner

Truck Model: Columbia

Tank Manufacturer: BearCat Mfg.

Year of Manufacture: 6/1/07

Volume (Gal.)	Strap Length (in)	Depth Measurements (in)	Difference (%)
50	2.313	2.313	0.0%
100	4.313	4.250	-1.4%
150	5.750	5.813	1.1%
200	6.563	6.500	-1.0%
250	7.938	8.000	0.8%
300	9.375	9.500	1.3%
350	10.688	10.813	1.2%
400	12.000	11.875	-1.0%
600	16.375	16.438	0.4%
800	19.688	19.500	-1.0%
1,000	22.500	22.563	0.3%
1,200	25.250	25.367	0.5%
1,400	27.875	28.101	0.8%
1,600	30.625	30.774	0.5%
1,800	33.125	33.387	0.8%
2,000	36.000	36.000	0.0%
2,200	38.500	38.525	0.1%
2,400	41.250	41.050	-0.5%
2,600	43.938	43.638	-0.7%
2,800	46.250	46.288	0.1%
3,000	49.000	48.875	-0.3%
3,200	51.875	51.750	-0.2%
3,400	54.500	54.438	-0.1%
3,600	57.500	57.250	-0.4%
3,800	60.375	60.063	-0.5%
3,850	61.000	60.844	-0.3%
3,900	61.875	61.625	-0.4%
3,950	62.750	62.469	-0.4%
4,000	63.250	63.313	0.1%
4,050	64.250	64.063	-0.3%
4,100	65.000	64.813	-0.3%
4,150	65.625	65.563	-0.1%
4,200	66.500	66.313	-0.3%
4,250	67.688	67.281	-0.6%
4,300	68.375	68.250	-0.2%

BAR

Unit No: AD-2

Truck VIN: 1FVHF0CV87DZ48629

Truck Year of Manufacture: 2007

Truck Make: Freightliner

Nozzle Set: 4

Truck Model: Columbia

Fan Width @ 12in: 12"

Nozzle No. (EACH)	Container Empty Weight (Lbs.)	Total Combined Weight (Lbs.)	Material Weight (Lbs.)	% Difference
1	0.475	3.250	2.775	-2.71%
2	0.475	3.538	3.063	7.37%
3	0.475	3.369	2.894	1.45%
4	0.475	3.175	2.700	-5.34%
5	0.475	3.281	2.806	-1.62%
6	0.475	3.088	2.613	-8.41%
7	0.475	3.075	2.600	-8.85%
8	0.475	3.525	3.050	6.93%
9	0.475	3.419	2.944	3.20%
10	0.475	3.363	2.888	1.23%
11	0.475	3.363	2.888	1.23%
12	0.475	3.313	2.838	-0.52%
13	0.475	3.281	2.806	-1.62%
14	0.475	3.325	2.850	-0.08%
15	0.475	3.306	2.831	-0.74%
16	0.475	3.344	2.869	0.57%
17	0.475	3.331	2.856	0.14%
18	0.475	3.313	2.838	-0.52%
19	0.475	3.306	2.831	-0.74%
20	0.475	3.250	2.775	-2.71%
21	0.475	3.281	2.806	-1.62%
22	0.475	3.294	2.819	-1.18%
23	0.475	3.300	2.825	-0.96%
24	0.475	3.325	2.850	-0.08%
25	0.475	3.288	2.813	-1.40%
26	0.475	3.306	2.831	-0.74%
27	0.475	3.338	2.863	0.35%
28	0.475	3.350	2.875	0.79%
29	0.475	3.331	2.856	0.14%
30	0.475	3.319	2.844	-0.30%
31	0.475	3.300	2.825	-0.96%
32	0.475	3.306	2.831	-0.74%
33	0.475	3.369	2.894	1.45%
34	0.475	3.438	2.963	3.86%
35	0.475	3.375	2.900	1.67%
36	0.475	3.369	2.894	1.45%
37	0.475	3.344	2.869	0.57%
38	0.475	3.331	2.856	0.14%
39	0.475	3.313	2.838	-0.52%
40	0.475	3.331	2.856	0.14%
41	0.475	3.344	2.869	0.57%
42	0.475	3.338	2.863	0.35%
43	0.475	3.375	2.900	1.67%
44	0.475	3.319	2.844	-0.30%
45	0.475	3.300	2.825	-0.96%
46	0.475	3.375	2.900	1.67%
47	0.475	3.438	2.963	3.86%
48	0.475	3.375	2.900	1.67%
49	0.475	3.313	2.838	-0.52%
50	0.475	3.375	2.900	1.67%

Average Material Weight (Lbs.)

2.85