State of California - Department of Transportation

MATERIAL PLANT QUALITY PROGRAM

MPQP

Caltrans

AC, Rubber, Lime Slurry, Water & Other Continuous Mixing Operations

- reference scale units, weighbelt
- reference scale units, meter: pounds
- average calibration error, weighbelt: %
- average calibration error, meter: 0.3571 %
- specific gravity
- spg source

Report Number: 2-16- FNF rubber

District: 01

inspected by: G. Thorpe

plant owner: FNF

plant location: Mercer Fraser Fortuna "B"

plant type: Rubber

scale agency: Western Scale

inspection date: 5-2-2016

Weighbelt Calibration

	1	2	3	4	5	6	7	8	9	10	11	12
Test Number												
Type of Material												
Test Length (min.)												
Displayed Rate (TPH)												
Calculated Rate (TPH)												
Actual Weight (lbs or tons) Gross												
Actual Weight (lbs or tons) Tare												
Actual Weight (lbs or tons) Net												
Aggregate Tons, Actual												
Tons Metered												
Error												
Percent Error												
Span Used												
Calculated Span												
Useability												
Mark If Used *												

Meter Calibration

Type of Liquid	Virgin Oil	Virgin Oil	Virgin Oil		Extender	Extender	Extender					
Test Length (min.)	3.75	3.00	2.50		5.75	2.57	1.93					
Displayed Rate (TPH)	20	25	30		.5							
Calculated Rate (TPH)	19.88	25.20	30.24		0.52	1.17	1.55					
Actual Weight (lbs or tons) Gross	2485	2520	2520		100.1	100.1	99.4					
Actual Weight (lbs or tons) Tare												
Actual Weight (lbs or tons) Net	2485.00	2520.00	2520.00		100.10	100.10	99.40					
Asphalt Tons, Actual	1.2425	1.26	1.26	0	.05005	.05005	.0497	0	0	0	0	0
Gallons Metered												
Tons Metered	1.254	1.258	1.252		0.050	0.050	0.050					
Error	0.0117	-0.0025	-0.0076	0.0000	0.0002	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Percent Error	0.9416	-0.1984	-0.6032		0.2997	0.0999	0.0000					
Span Used	1.0000	1.0000	1.0000		19.419426	19.419426	19.419426					
Calculated Span	0.9907	1.0020	1.0061		19.3614	19.4000	19.4194					
Useability	Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *	*	*	*		*	*	*					
Run Note												
CRT												

Comments on Indivual Calibration Runs

Plant certified for state use for 6 months or moved.

California Dept of Transportation

MPQP

AC, PCC, Rubber & Other Batch Operations

Report Number: 16-2-hopper | calib date: 5-2-2016 | district: 01 | 109 by: G. Thorpe | plant controller: Rubber Hopper

plant type: AC Oil/ Rubber Blend | plant owner: FNF | plant location: Mercer Fraser "B" Fortuna

scale acceptable to: 10000 | useable scale capacity: 10000 | largest noted error, for this scale: 2 Grad

scale number: 1

material type: aggregate

graduation size: 10.0

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
1	2000	0	2000	always zero for 1st step	2000	2000	0.0	0.0	Acceptable	
2	4000	0	4000	0	4000	4000	0.0	0.0	Acceptable	
3	6000	0	6000	0	6000	6010	10.0	1.0	Acceptable	
4	8000	0	8000	0	8000	8020	20.0	2.0	Acceptable	
5	10000	0	10000	0	10000	10020	20.0	2.0	Acceptable	

scale acceptable to: | useable scale capacity: | largest noted error, for this scale:

scale number:

material type:

graduation size:

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
				always zero for 1st step						

scale acceptable to: | useable scale capacity: | largest noted error, for this scale:

scale number:

material type:

graduation size:

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
				always zero for 1st step						

scale acceptable to: | useable scale capacity: | largest noted error, for this scale:

scale number:

material type:

graduation size:

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
				always zero for 1st step						

Test Notes

Scale Hopper O.K. for 6 months or moved