State of California - Department of Transportation

MATERIAL PLANT QUALITY PROGRAM

MPQP

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

- reference scale units, weighbelt: pounds
- reference scale units, meter: pounds
- average calibration error, weighbelt: 0.477 %
- average calibration error, meter: 0.3845 %
- specific gravity:

spg source:

Report Number: 17-09

District: 01

inspected by: G. Thorpe

plant owner: Granite Construction

plant location: 4201 N. State St., Calpella

plant type: HMA Continuous

scale agency: Bartolomi Scales

inspection date: 04/04/2017

Weighbelt Calibration

Test Number		1	2	3	4	5	6	7	8	9	10	11	12
Type of Material		AGG	AGG	AGG		RAP	RAP	RAP					
Test Length (min.)		4.50	3.00	3.00		16.00	10.25	5.00					
Displayed Rate (TPH)		93	181	300		6.8	42	76					
Calculated Rate (TPH)		93.87	181.00	302.00		6.83	41.78	73.56					
Actual Weight (lbs or tons)	Gross	30120	34140	52360		19640	30300	28280					
	Tare	16040	16040	22160		16000	16020	16020					
	Net	14080.00	18100.00	30200.00		3640.00	14280.00	12260.00					
Aggregate Tons, Actual		7.04	9.05	15.10	0.00	1.82	7.14	6.13	0.00	0.00	0.00	0.00	0.00
Tons Metered		7.040	9.110	15.170		1.819	7.225	6.160					
Error		0.00	0.06	0.07	0.00	-0.00	0.09	0.03	0.00	0.00	0.00	0.00	0.00
Percent Error		0.000	0.663	0.464		-0.055	1.190	0.489					
Span Used		25728	25728	25728		3923	3923	3923					
Calculated Span		?	?	?		3925.1567	3876.8471	3903.8945					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					

Meter Calibration

Type of Liquid		AC	AC	AC		LAS	LAS	LAS					
Test Length (min.)		45.7	21.83	14.25		37.51	26.167	17.0					
Displayed Rate (TPH)		5.6	11	18		80lb/hr	115 lb/hr	178 lb/hr					
Calculated Rate (TPH)		5.58	10.99	17.94		0.04	0.06	0.09					
Actual Weight (lbs or tons)	Gross	45520	28500	37020		49.8	50.2	50.3					
	Tare	37020	20500	28500		0							
	Net	8500.00	8000.00	8520.00		49.80	50.20	50.30					
Asphalt Tons, Actual		4.25	4	4.26	0	.0249	.0251	.02515	0	0	0	0	0
Gallons Metered		1000	1000	1000		50.06 lbs	50.06 lbs	50.20 lbs					
Tons Metered		4.258	4.028	4.264		0.025	0.025	0.025					
Error		0.0080	0.0280	0.0043	0.0000	0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
Percent Error		0.1882	0.7000	0.1009		0.5221	-0.2789	-0.5169					
Span Used		1.0019	1.0019	1.0019		1.0249	1.0249	1.0249					
Calculated Span		1.0000	0.9949	1.0009		1.0196	1.0278	1.0302					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					
Run Note	CRT												

Comments on Indiviual Calibration Runs

Plant Certified for State Use.
Interlocks O.K.
Printer O.K.