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: 0.502 %
- average calibration error, meter: 0.3173 %
- specific gravity:

spg source:

Report Number: 17-01

District: 01

inspected by: G. Thorpe

plant owner: Granite Construction

plant location: 4220 Hwy 175 Lakeport

plant type: Continuous HMA

scale agency: Bartolomi Scales

inspection date: 4-11-2017

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.)		9.00	4.50	3.00		15.25	9.00	5.00					
Displayed Rate (TPH)		118	186	310		16	32	57					
Calculated Rate (TPH)		118.07	185.73	310.60		16.21	31.67	57.12					
Actual Weight (lbs or tons)	Gross	59140	51580	54780		22240	23500	23520					
	Tare	23720	23720	23720		14000	14000	14000					
	Net	35420.00	27860.00	31060.00		8240.00	9500.00	9520.00					
Aggregate Tons, Actual		17.71	13.93	15.53	0.00	4.12	4.75	4.76	0.00	0.00	0.00	0.00	0.00
Tons Metered		17.520	13.890	15.740		4.118	4.748	4.770					
Error		-0.19	-0.04	0.21	0.00	-0.00	-0.00	0.01	0.00	0.00	0.00	0.00	0.00
Percent Error		-1.073	-0.287	1.352		-0.049	-0.042	0.210					
Span Used		89396	89396	89396		2685	2685	2685					
Calculated Span		?	?	?		2686.3040	2686.1310	2679.3711					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*	avg.9%	*	*	*	avg.1%				

Meter Calibration

Type of Liquid		AC	AC	AC		LAS	LAS	LAS					
Test Length (min.)		57	24.5	13.52		36.5	21.3	15.0					
Displayed Rate (TPH)		4.5	10.5	19		82 lb/hr	140 lb/hr	200 lb/hr					
Calculated Rate (TPH)		4.45	10.43	18.99		0.04	0.07	0.10					
Actual Weight (lbs or tons)	Gross	45940	28920	37480		50.1	50.1	50.1					
	Tare	37480	20400	28920		0	0	0					
	Net	8460.00	8520.00	8560.00		50.10	50.10	50.10					
Asphalt Tons, Actual		4.23	4.26	4.28	0	.02505	.02505	.02505	0	0	0	0	0
Gallons Metered						50.15 lbs	50.27 lbs	50.15 lbs					
Tons Metered		4.260	4.274	4.294		0.025	0.025	0.025					
Error		0.0299	0.0140	0.0141	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Percent Error		0.7069	0.3286	0.3294		0.0998	0.3393	0.0998					
Span Used		.9950	.9950	.9950		.9939	.9939	.9939					
Calculated Span		0.9880	0.9917	0.9917		0.9929	0.9905	0.9929					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					
Run Note	CRT			avg. 46%				avg.18%					

Comments on Indiviual Calibration Runs

Plant Certified for State use
Interlocks O.K.
Printer O.K.
RAP Controller installed by Quality Scales found to be defective, replaced with Belt-Way Controller 4/10/2017