State of California - Department of Transportation

MATERIAL PLANT QUALITY PROGRAM

MPQP

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

- reference scale units, weighbelt: tons
- reference scale units, meter: tons
- average calibration error, weighbelt: 0.449 %
- average calibration error, meter: 0.4980 %
- specific gravity: N/A

spg source:

Report Number: 14-11-010

District: 01

inspected by: G Thorpe

plant owner: Mercer Fraser

plant location: Plant "B" Dinsmore Dr. Fortuna

plant type: Continuous

scale agency: Weast Coast Scale

inspection date: 8/18/2014

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.)		6.00	3.45	3.00		10.00	10.00	10.00					
Displayed Rate (TPH)		105	225	380		23.76	33.78	47.22					
Calculated Rate (TPH)		105.80	222.78	386.00		23.76	33.78	47.22					
Actual Weight (lbs or tons)	Gross	21.95	24.19	30.67		15.32	16.99	19.23					
	Tare	11.37	11.38	11.37		11.36	11.36	11.36					
	Net	10.58	12.81	19.30		3.96	5.63	7.87					
Aggregate Tons, Actual		10.58	12.81	19.30		3.96	5.63	7.87					
Tons Metered		10.550	12.880	19.190		3.966	5.690	7.876					
Error		-0.03	0.07	-0.11		0.01	0.06	0.01					
Percent Error		-0.284	0.546	-0.570		0.152	1.066	0.076					
Span Used		30.85035	32.88403	36.34447		31.70623	31.70623	29.77736					
Calculated Span		30.9381	32.7053	36.5528		31.6583	31.3719	29.7547					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					

Meter Calibration

Type of Liquid		AC	AC	AC		LAS	LAS	LAS					
Test Length (min.)		31.49	15.42	10.52		31.15	20.04	12.55					
Displayed Rate (TPH)		7.8	15.8	23		96 lb/hr	150 lb/hr	240lb/hr					
Calculated Rate (TPH)		7.91	16.11	23.73		96.50	150.60	241.91					
Actual Weight (lbs or tons)	Gross	26.85	18.54	22.70		50.1	50.3	50.6					
	Tare	22.70	14.40	18.54		0							
	Net	4.15	4.14	4.16		50.10	50.30	50.60					
Asphalt Tons, Actual		4.15	4.14	4.16		50.1	50.3	50.6					
Gallons Metered		1044	1042	1047									
Tons Metered		4.111	4.121	4.145		50.330	50.420	50.330					
Error		-0.0387	-0.0187	-0.0155		0.2300	0.1200	-0.2700					
Percent Error		-0.9325	-0.4517	-0.3726		0.4591	0.2386	-0.5336					
Span Used		697.45	697.45	697.45		14.668	14.668	14.668					
Calculated Span		704.0152	700.6146	700.0584		14.6010	14.6331	14.7467					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					
Run Note	CRT					LB/HR	LB/HR	LB/HR					

Comments on Indiviual Calibration Runs

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