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: 0.344 %
- average calibration error, meter: 0.4273 %
- specific gravity:

spg source:

Report Number: 15-60

District: 01

inspected by: G. Thorpe

plant owner: Kernen Construction

plant location: 1195 Hatchery Rd. Blue Lake

plant type: Continuos HMA

scale agency: Andre

inspection date: 7/27/2015

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.)		6.22	3.16	3.00		11.12	6.40	4.54					
Displayed Rate (TPH)		98	200	286		33.7	58	83					
Calculated Rate (TPH)		100.90	206.20	286.40		33.94	60.47	89.74					
Actual Weight (lbs or tons)	Gross	41500	42300	49220		33240	33540	34180					
	Tare	20580	20580	20580		20660	20640	20600					
	Net	20920.00	21720.00	28640.00		12580.00	12900.00	13580.00					
Aggregate Tons, Actual		10.46	10.86	14.32	0.00	6.29	6.45	6.79	0.00	0.00	0.00	0.00	0.00
Tons Metered		10.455	10.852	14.371		6.304	6.535	6.787					
Error		-0.01	-0.01	0.05	0.00	0.01	0.09	-0.00	0.00	0.00	0.00	0.00	0.00
Percent Error		-0.048	-0.074	0.356		0.223	1.318	-0.044					
Span Used		21.8462	21.0618	21.0000		7.0891	none	6.9290					
Calculated Span		21.8566	21.0773	20.9255		7.0734	0.0000	6.9321					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					

Meter Calibration

Type of Liquid		AC	AC	AC		LAS	LAS	LAS					
Test Length (min.)		32.47	24.34	16.26		46.50	29.48	23.35					
Displayed Rate (TPH)		7.7	10.4	15.6		66 lb/hr	103 lb/hr						
Calculated Rate (TPH)		7.83	10.50	15.76		0.03	0.05	0.07					
Actual Weight (lbs or tons)	Gross	62360	34340	53880		51.1	51.4	55.5					
	Tare	53880	25820	45340									
	Net	8480.00	8520.00	8540.00		51.10	51.40	55.50					
Asphalt Tons, Actual		4.24	4.26	4.27	0	.02555	.0257	.02775	0	0	0	0	0
Gallons Metered													
Tons Metered		4.277	4.277	4.277		0.026	0.026	0.028					
Error		0.0370	0.0170	0.0070	0.0000	0.0001	0.0001	-0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
Percent Error		0.8726	0.3991	0.1639		0.3131	0.5447	-0.2703					
Span Used		180.694.2	180.694.2	180.694.2		.987845	.987845	.987845					
Calculated Span		179.1311	179.9760	180.3985		0.9848	0.9825	0.9905					
Useability		Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *		*	*	*		*	*	*					
Run Note	CRT												

Comments on Indiviual Calibration Runs

Plant Certified for State Use.
A combination of Allis-Chalmers, CMI, Astec, Gencor, Standard Steel & DEI components have been combined to has replace the former HMA plant.
Interlocks O.K.
Plant operating range 115-286 TPH
Printer O.K.