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: 0.612 %
- average calibration error, meter: 0.3334 %
- specific gravity:

spg source:

Report Number: 14-13

District: 01

inspected by: G. Thorpe

plant owner: Grantie

plant location: 4220 Hwy 175 Lakeport

plant type: Continuos HMA

scale agency: Quality Scales Unlimited

inspection date: 4/3/2014

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.)		7.00	4.00	3.00			18.00	7.00	7.00				
Displayed Rate (TPH)		122	233	325			19.2	41.5					
Calculated Rate (TPH)		122.74	232.65	325.80			19.10	41.49	50.14				
Actual Weight (lbs or tons)	Gross	52080	54500	56040			34780	33060	35080				
	Tare	23440	23480	23460			23320	23380	23380				
	Net	28640.00	31020.00	32580.00			11460.00	9680.00	11700.00				
Aggregate Tons, Actual		14.32	15.51	16.29	0.00	0.00	5.73	4.84	5.85	0.00	0.00	0.00	0.00
Tons Metered		14.220	15.420	16.410			5.760	4.870	5.880				
Error		-0.10	-0.09	0.12	0.00	0.00	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Percent Error		-0.698	-0.580	0.737			0.524	0.620	0.513				
Span Used		88734	88734	88734			1.73484	1.73484	1.73484				
Calculated Span		?	?	?			1.7258	1.7242	1.7260				
Useability		Acceptable	Acceptable	Acceptable			Acceptable	Acceptable	Acceptable				
Mark If Used *		*	*	*			*	*	*				

Meter Calibration

Type of Liquid		AC	AC	AC		1% CHIPS		LAS	LAS	LAS			
Test Length (min.)		40.33	17.54	10.13		71.04		28.3	9.13	6.39			
Displayed Rate (TPH)		6.3	14.4	25.5		.9		107	324	455			
Calculated Rate (TPH)		6.35	14.68	25.68		0.85		0.05	0.16	0.24			
Actual Weight (lbs or tons)	Gross	8540	8580	8670		2010		50.1	49.8	50.5			
	Tare	0	0	0		0							
	Net	8540.00	8580.00	8670.00		2010.00		50.10	49.80	50.50			
Asphalt Tons, Actual		4.27	4.29	4.335	0	1.005	0	.02505	.0249	.02525	0	0	0
Gallons Metered													
Tons Metered		4.259	4.276	4.321		1.002		0.025	0.025	0.025			
Error		-0.0110	-0.0141	-0.0139	0.0000	-0.0035	0.0000	-0.0001	-0.0001	-0.0001	0.0000	0.0000	0.0000
Percent Error		-0.2576	-0.3287	-0.3206		-0.3483		-0.4192	-0.4217	-0.2376			
Span Used		.9880	.9880	.9880		.9880		.9995	.9995	.9995			
Calculated Span		0.9906	0.9913	0.9912		0.9915		1.0037	1.0037	1.0019			
Useability		Acceptable	Acceptable	Acceptable		Acceptable		Acceptable	Acceptable	Acceptable			
Mark If Used *		*	*	*		*		*	*	*			
Run Note	CRT												

Comments on Indiviual Calibration Runs

Plant Certified for State Use
HMA SIlo Acceptable 0-12,000 Lbs.
LAS Rate 107-455 Lb/ hr
Interlocks O.K.
Printer O.K.