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: 0.617 %
- average calibration error, meter: 0.1004 %
- specific gravity: 1.00

spg source:

Report Number: 14-MFWCL

District: 01

inspected by: G. Thorpe

plant owner: Mercer Fraser

plant location: Hwy 96 Willow Creek

plant type: Lime marination

scale agency: Western Scale

inspection date: 7/22/2014

Weighbelt Calibration

Test Number	1	2	3	4	5	6	7	8	9	10	11	12
Type of Material	AGG	AGG	AGG		Dry Lime	Dry Lime	Dry Lime					
Test Length (min.)	6.00	4.00	3.00		8.00	6.00	4.00					
Displayed Rate (TPH)	132	238	297		3.98	5.86	8.65					
Calculated Rate (TPH)	132.20	238.35	297.20		3.94	5.32	8.26					
Actual Weight (lbs or tons) Gross	49680	55020	52960		1051	1064	1101					
Actual Weight (lbs or tons) Tare	23240	23240	23240									
Actual Weight (lbs or tons) Net	26440.00	31780.00	29720.00		1051.00	1064.00	1101.00					
Aggregate Tons, Actual	13.22	15.89	14.86	0.00	0.53	0.53	0.55	0.00	0.00	0.00	0.00	0.00
Tons Metered	13.410	15.860	14.830		0.521	0.529	0.548					
Error	0.19	-0.03	-0.03	0.00	-0.00	-0.00	-0.00	0.00	0.00	0.00	0.00	0.00
Percent Error	1.437	-0.189	-0.202		-0.856	-0.564	-0.454					
Span Used	.27	.27	.27		16649	16649	16649					
Calculated Span	0.2662	0.2705	0.2705		?	?	?					
Useability	Acceptable	Acceptable	Acceptable		Acceptable	Acceptable	Acceptable					
Mark If Used *	*	*	*		*	*	*					

Meter Calibration

Type of Liquid	Slurry	Slurry	Slurry		Water	Water	Water					
Test Length (min.)	11.06	5.41	3.40		7.40	3.58	2.25					
Displayed Rate (TPH)	6.87	13.59	21.14		10.2	21	34.21					
Calculated Rate (TPH)	6.89	14.27	22.82		10.24	21.39	34.47					
Actual Weight (lbs or tons) Gross	2541	2574	2586		2527	2552	2585					
Actual Weight (lbs or tons) Tare												
Actual Weight (lbs or tons) Net	2541.00	2574.00	2586.00		2527.00	2552.00	2585.00					
Asphalt Tons, Actual	1.2705	1.287	1.293	0	1.2635	1.276	1.2925	0	0	0	0	0
Gallons Metered	304	307	310		303	306	310					
Tons Metered	1.269	1.282	1.293		1.264	1.276	1.293					
Error	-0.0020	-0.0050	-0.0005	0.0000	0.0000	0.0000	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
Percent Error	-0.1574	-0.3885	-0.0387	?	0.0008	0.0016	0.0155					
Span Used	1504.7	1504.7	1504.7		.96	.96	.96					
Calculated Span	1507.0724	1510.5686	1505.2821	?	0.9600	0.9600	0.9599					
Useability	Acceptable	Acceptable	Acceptable	VOID	Acceptable	Acceptable	Acceptable					
Mark If Used *	*	*	*		*	*	*					
Run Note CRT												

Comments on Indiviual Calibration Runs

Lime Plant #24-3393 Certified for State Use
Agg 132-297 TPH, Dry Lime 3.98-8.65 TPH, Slurry 6.87-21.14 TPH, Water 10.2-34.21 TPH
Printer O.K.