California Dept of Transportation

MPQP

AC, PCC, Rubber & Other Batch Operations

Report Number 17-21 | calib date 6/7/2017 | district 01 | 109 by G. Thorpe | plant controller Libra Systems Generation 3

plant type HMA Batch | plant owner Mercer Fraser | plant location Hwy 96 Willow Creek

scale acceptable to 950 | useable scale capacity 1000 | largest noted error, for this scale 2 Grads

scale number 1 | material type asphalt | graduation size 1.0

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
1	100	0	100	always zero for 1st step	100	100	0.0	0.0	Acceptable	
2	200	0	200	0	200	200	0.0	0.0	Acceptable	
3	300	0	300	0	300	299	-1.0	-1.0	Acceptable	
4	400	0	400	0	400	399	-1.0	-1.0	Acceptable	
5	500	0	500	0	500	499	-1.0	-1.0	Acceptable	
6	600	0	600	0	600	598	-2.0	-2.0	Acceptable	
7	700	0	700	0	700	698	-2.0	-2.0	Acceptable	
8	800	0	800	0	800	798	-2.0	-2.0	Acceptable	
9	900	0	900	0	900	898	-2.0	-2.0	Acceptable	
950	950	0	950	0	950	948	-2.0	-2.0	Acceptable	

scale acceptable to 12000 | useable scale capacity 15000 | largest noted error, for this scale 1 Grad

scale number 2 | material type aggregate | graduation size 10

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
1	2000	0	2000	always zero for 1st step	2000	1990	-10	-1	Acceptable	
2	4000	0	4000	0	4000	3990	-10	-1	Acceptable	
3	6000	0	6000	0	6000	6000	0	0	Acceptable	
4	8000	0	8000	0	8000	8000	0	0	Acceptable	
5	10000	0	10000	0	10000	10010	10	1	Acceptable	
6	12000	0	12000	0	12000	12010	10	1	Acceptable	

scale acceptable to 400 | useable scale capacity 500 | largest noted error, for this scale 0

scale number 3 | material type LAS | graduation size 0.5

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
1	50.1		50.1	always zero for 1st step	50.1	50.46	.36	.72	Acceptable	243 Lb/hr
2	50.4		50.4		50.4	50.57	.17	.34	Acceptable	246 Lb/hr

scale acceptable to | useable scale capacity | largest noted error, for this scale

scale number | material type | graduation size

step number	applied test weight	applied build-up weight	total applied weight	adjustment from last step	adjusted total weight	indicated weight	actual error	error in grads	USEABILITY	remarks
				always zero for 1st step						

Test Notes

Plant Certified for State Use
Libre Systems Generation 3 controller S/N 12655 replaced Seltec AB500 s/n 2663
Interlocks O.K.
Printer O.K.
LAS (liquid anti-strip) set at one speed for batch plant
West Coast Scales