California Dept of Transportation

# MPQP

## AC, PCC, Rubber & Other Batch Operations

Report Number 13-05 | calib date 1/22/2013 | district 01 | 109 by G. Thorpe | plant controller Command Alkon

plant type PCC Batch | plant owner Eureka Redi-Mix | plant location Boyd Rd. Arcata

scale acceptable to 23000 | useable scale capacity 40000 | largest noted error, for this scale 1 Grad

scale number 1 | material type aggregate | graduation size 20.0

| 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 | 8000 | 0 | 8000 | always zero for 1st step | 8000 | 8020 | 20.0 | 1.0 | Acceptable | |
| 2 | 8000 | 8000 | 16000 | 0 | 16000 | 16000 | 0.0 | 0.0 | Acceptable | |
| 3 | 8000 | 16000 | 24000 | 0 | 24000 | 24000 | 0.0 | 0.0 | Acceptable | |
| 4 | 8000 | 24000 | 32000 | 0 | 32000 | 32020 | 20.0 | 1.0 | Acceptable | |

scale acceptable to 8000 | useable scale capacity 10000 | largest noted error, for this scale 1 Grad

scale number 2 | material type cement | graduation size 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 | 2000 | 0 | 2000 | always zero for 1st step | 2000 | 2005 | 5 | 1 | Acceptable | |
| 2 | 4000 | 0 | 4000 | 0 | 4000 | 3995 | -5 | -1 | Acceptable | |
| 3 | 6000 | 0 | 6000 | 0 | 6000 | 6000 | 0 | 0 | Acceptable | |
| 4 | 8000 | 0 | 8000 | 0 | 8000 | 8000 | 0 | 0 | Acceptable | |

scale acceptable to 3500 | useable scale capacity 4000 | largest noted error, for this scale 2 Grads

scale number 3 | material type water | graduation size 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 | 1000 | 0 | 1000 | always zero for 1st step | 1000 | 1000 | 0 | 0 | Acceptable | |
| 2 | 2000 | 0 | 2000 | 0 | 2000 | 2005 | 5 | 1 | Acceptable | |
| 3 | 3000 | 0 | 3000 | 0 | 3000 | 3005 | 5 | 1 | Acceptable | |
| 4 | 3500 | 0 | 3500 | 0 | 3500 | 3510 | 10 | 2 | Acceptable | |

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
Interlocks O.K.
Printer O.K.
Liberty Scale