

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
HOT MIX ASPHALT QUALITY CONTROL TESTS WORKSHEET
RECORD OF CALIBRATION TEST ON WEIGHING EQUIPMENT AT ASPHALT EQUIPMENT

CONTRACTOR: [1] PLANT LOCATION: [2] DATE: [3]

INCREMENT NO.	PRIOR WT. ON SCALES (A)	WT. OF TEST WT'S ADDED (B)	ACTUAL TOT. WT. ON SCALES C = (A+B)	SCALE DIAL READING (D)	SCALE ERROR (%)		DRUM PLANT		
					E = D - C	$F = \frac{E}{C} \times 100$	AGGREGATE SCALES		
[4]	[5]	[6]	[7]	[8]	[9]	[10]	CERTIFIED SCALES WT. (A)	PLANT SCALES WT. (B)	% ERROR $C = \frac{A-B}{A} \times 100$
							[11]	[12]	[13]
							RAP SCALES		
							CERTIFIED SCALES WT. (A)	PLANT SCALES WT. (B)	% ERROR $C = \frac{A-B}{A} \times 100$
							[11]	[12]	[13]
							ASPHALT METER		
							CERTIFIED SCALES WT. (A)	PLANT SCALES WT. (B)	% ERROR $C = \frac{A-B}{A} \times 100$
							[11]	[12]	[13]
							ADDITIVE METER		
							CERTIFIED SCALES WT. (A)	PLANT SCALES WT. (B)	% ERROR $C = \frac{A-B}{A} \times 100$
							[11]	[12]	[13]

THIS FORM RETAINED IN CONTRACTOR'S QC FILES AT PLANT SITE.
 I CERTIFY THE ABOVE AS TRUE CALIBRATION DATA FOR THESE
 SCALES.

PRINT NAME LEGIBLY-QC LEVEL II TECHNICIAN w/HICAMS #: _____

[14]

*SIGNATURE-QC LEVEL II TECHNICIAN: _____

[15]

*BY PROVIDING THIS DATA UNDER MY SIGNATURE AND/OR HICAMS CERTIFICATION NUMBER, I ATTEST TO THE ACCURACY
 AND VALIDITY OF THE DATA CONTAINED ON THIS FORM AND CERTIFY THAT NO DELIBERATE MISREPRESENTATION
 OF TEST RESULTS, IN ANY MANNER, HAS OCCURRED.

CC: DIVISION QALAB

QC-2**RECORD OF CALIBRATION TEST ON WEIGHING EQUIPMENT AT ASPHALT PLANTS**

GENERAL NOTE: This form is to be completed by QC personnel at frequencies described below. This form is to be verified and signed by the Contractor's QC Level II personnel with a copy to be forwarded to the Division QA Lab. Minimum calibration frequency for weighing equipment at asphalt plants shall meet the requirements of Table 6-1 of this manual.

1. Name of Contractor producing mix.
2. Site of plant producing mix.
3. Date calibration performed.
4. Number of test increment.
5. Weight readout prior to adding weight to the weigh hopper/asphalt bucket.
6. Weight added at each increment.
7. Actual weight on scales. (A) + (B).
8. Actual scale reading.
9. Scale error in Lbs. (D) – (C).
10. Percent scale error $(E) \div (C) \times 100$.
11. Net scales weight from DOA approved scales.
12. Actual scales readout.
13. Percent error $(A) - (B) \div (A) \times 100$ to nearest 0.1 percent (x.x).
14. Printed name and HiCAMS certification number of QC Level II technician.
15. Signature of QC Level II technician certifying that all data entered on this form is true and correct.