

KENTUCKY TRANSPORTATION CABINET
Division of Materials
SCALE REPORT FOR CONCRETE PLANTS

TC 64-316
 Rev. 3/95

Producer _____ County _____
 Producer No. _____ Plant Location _____
 Address (Mailing) _____ Telephone _____
 Commercial Plant _____ or Paving Plant _____ Date _____
 Normal Batch Size (the number of cubic meters that is normally batched) _____ Cu. Yards _____

WATER METER (Specification + OR - 1.0%)

(This space to be completed by person checking water meter)

NOTE: Check at a minimum setting of 50 gallons (1 gallon = 8.34 lbs.)
 Must have a minimum of two (2) consecutive checks within specification

METER SETTING	TARE WEIGHT	GROSS WEIGHT	NET WEIGHT	+ OR - ERROR
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Inspector's Signature _____ Date Checked _____
 Representing _____

NOTE: Beam scales or electronic load cell shall be checked for accuracy at a minimum of two intervals. All beams shall be checked on beam-type scales. Dial scales shall be checked at a minimum of three intervals with each check being a different quadrant. (It is recommended that dial scales be pan sealed prior to checking with test weights.)

WATER SCALES (If applicable)

Beam _____ Dial _____ or Load Cell _____ (Specification + or - 0.05%)

NOTE: The minimum amount of certified test weights used shall be 250 lbs/cu yd. of batch size or 2500 lbs., whichever is smaller.

CERTIFIED TEST WEIGHTS	SCALE READING	+ OR - ERROR (Remarks)
_____	_____	_____
_____	_____	_____

CEMENT SCALES

Beam _____ Dial _____ or Load Cell _____ (Specification + or - 0.05%)

NOTE: The minimum amount of certified test weights used shall be 625 lbs./cu.yd. of batch size for commercial plants and 565 lbs./cu.yd. of batch size for concrete paving plants.

CERTIFIED TEST WEIGHTS	SCALE READING	+ OR - ERROR (Remarks)
_____	_____	_____
_____	_____	_____
_____	_____	_____

AGGREGATE SCALES

Beam _____ Dial _____ or Load Cell _____ (Specification + or - 0.05%)

NOTE: The accuracy of the scales shall be based only on a percentage of the actual certified test weights. The minimum amount of certified test weights to be used shall be the same as required for checking the cement scales. (Some modification of the amount of test weights required may be necessary to balance corners of weight hoppers when the amount required exceeds 4000 lbs. When justifiable circumstances exist, the maximum test weight for checking aggregate scales may be reduced to 4000 lbs.) In addition, the aggregate scales shall be stress checked using the required test weights in combination with additional test weights or aggregate build-up to:

1. 3000 lbs./cu.yd of batch size for cumulative weighing of fine and coarse aggregate.
2. 1800 lbs./cu.yd of batch size for scales weighing only coarse aggregate.
3. 1200 lbs./cu.yd of batch size for scales weighing only fine aggregate.

SCALE CHECK

(Using certified test weights only)

SCALES CHECKED	CERTIFIED TEST WEIGHTS	SCALE READING	+ OR - ERROR (Remarks)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

STRESS CHECK

SCALE CHECKED	AGGREGATE BUILD-UP	CERTIFIED TEST WEIGHT	SCALE READING	+ OR - ERROR (Remarks)
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

NOTE: All scales have a sensitivity such that movement of the indicator is discernible when weight equal to 0.1% of the scale capacity is added to the scale under load when the scales are not connected for automatic operation or equal to 0.2% when the scales are connected for automatic operation.

All of the above scales were tested for sensitivity as indicated above and Do Do Not meet these requirements.

REMARKS:

I CERTIFY THAT THE ABOVE INFORMATION IS TRUE TO THE BEST OF MY KNOWLEDGE.

Signature _____

Scale Company Representative and Certification Number

Scale Company Name

Address

Telephone Number