ASPHALT BINDER Section 13 – Accuracy Verification of Electronic Balance

Verification of Accuracy of Electronic General Purpose Balance

- ▶ Procedure
 - Set up the balance in a location away from drafts or excessive air movement that might affect the read-out.
 - ➤ Level the balance and if weighing in water, observe that the suspension apparatus is free of any obstructions that might affect ifs movement.

Section 13 - 2

Procedure (continued)

- ► For balances with anticipated usage of 10,000 grams or less, the verification weights will be 100 grams, 1000 grams, 5000 grams and 10,000 grams.
- ► For balances with anticipated usage of 10,000 or more, the verification weights will be 5000 grams, 10,000 grams and 15,000 grams.
- If one balance is to used for both of the listed ranges verify using all weights.

Section 13 -

Procedure (continued)

- Place the weight for each verification in five locations (the center and four corners) of the balance using the full range and record the actual weight obtained.
- ► Allowable tolerance for each verification is + or 0.1% of the weight used.

Section 13 - 4

Procedure (continued)

- If any recorded weight exceeds the allowable range discontinued use of the balance until the balance is calibrated or repaired and a complete new verification is performed.
- copies of all worksheets will be signed by the individual performing the verification and will be kept with the balance.

Section 13 - :

Scales









Section 13 - 6

Ps No Date: Signature: Signature: Section 13 - 7 Balance Verification Worksheet Manufacturer: METTLER Manufacturer: METTLER D C	Model: PE 1 J98627	Model: PE 11
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