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Non Automatic Weighing Devices	Issued: 2004-03-01	Revision Number: Original	

TYPE 3.10 SINGLE-POINT SUSPENDED SCALES

APPLICATION

Electronic or mechanical hanging scales with capacities up to and including 1000 kg (2000 pounds)

EQUIPMENT

Inspector's weight kit, local standards in sufficient number and capacity, and material for strain test (if necessary).

USE

- Device is approved for trade use NoA, Act Section 8
- Device is suitable for the actual use STP-1
- Device has been initially inspected (if applicable) and bears the initial verification marks R.29
- Device is sealed NoA, STP-4

VISUAL EXAMINATION - INSTALLATION AND LOCATION STP-7

- Device is installed in accordance with restrictions and conditions listed in the notice of approval and in accordance with manufacturer's instructions
- Device is adequately supported
- Device indicating and load receiving elements are positioned for customer's view (if applicable)
- Clearance around load receptor
- Device is properly levelled
- Device is adequately protected

VISUAL EXAMINATION - MARKING STP-3

- Device is marked with the required information
- Marking is located as required
- Marking is permanent (if applicable)
- Marking plate is permanently attached to the device

VISUAL EXAMINATION - INDICATING ELEMENT STP-5

- (Electronic)
- Display Test (Segment)
- Indicated and recorded values are adequately defined
- Defining words and symbols for annunciators (Tare Entered, Gross and Net Weight, Center-of-Zero) are readable

- (Mechanical)
- Scale marks, pointers and poise are in good condition
- Defining words and symbols are readable
- Zero setting material is enclosed and secured
- Balancing ball is in good condition and secured in place

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VISUAL EXAMINATION - RECORDING ELEMENT (PRINTER) STP-6

Device prints the required values
 Printed values are adequately defined

DEVICE CONFIGURATION (ELECTRONIC)

Device configured as prescribed by the NOA STP-2

Zero Setting Mechanism Range (4% of Max or more) STP-8

*Initial Zero Setting Mechanism Range (20% of Max or more)

AZTM Maximum Range (0.6 e)

*Manual Entries of Gross Weights STP-9

*Sleep Mode Test STP-10

Tare (Platter, Keyboard, and Pre-programmed Tare Entry) STP-11

Free Floating Weight Signal STP-12

PERFORMANCE

Load Discrimination Test (Near Zero) STP-14

Increasing Test STP-13

Eccentricity Test STP-15

Load Discrimination (Max) STP-14

Agreement of Registration STP-17

Display Blanking Tests (Zero, Tare) STP-18

Decreasing and Return-to-Zero Test STP-13

Repeatability Test STP-16

Motion Detection Test STP-19

Accuracy of Price Computation STP-20

Mathematical Concordance of Tare, Net and Gross Weight STP-21

*Off-Level Test (if applicable) STP-22

Disturbance Test (Electromagnetic Interference and Radio Frequency Interference, Vibrations) . . STP-23

Note: Tests marked with the star * are performed at the initial inspection only.

REVISION

Original document