

Field Inspection Manual	Part: 2 - IPO	Section: 9	Page: 1 of 2
Non Automatic Weighing Devices	Issued: 2004-03-01	Revision Number: Original	

TYPE 7.10 OVERHEAD TRACK SCALES

APPLICATION

Electronic or mechanical overhead monorail scale; or combination of monorail/platform scale.

EQUIPMENT

Inspector's weight kit, local standards of sufficient number and capacity, weight suspension equipment.

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
- Adequate facilities to apply test standards or test product are provided
- Device is adequately supported; holding rods and brackets affixed solidly
- Device indicating and load receiving elements are positioned for customer's view (if applicable)
- Load receiving element can be observed from indicator's reading position
- Clearance around overhead track
- 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

Field Inspection Manual	Part: 2 - IPO	Section: 9	Page: 2 of 2
Non Automatic Weighing Devices	Issued: 2004-03-01	Revision Number: Original	

TYPE 7.10 OVERHEAD TRACK SCALES

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

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

MULTI-DECK WEIGHING SYSTEMS (COMBINATION MONORAIL/PLATFORM SCALE) STP-26

Selection of the weighing element (Interlock)
 Identification of the load receiving element in use (Electronic)
 Identification of the load receiving element on the ticket

In the case of a combination monorail/platform scale, the monorail scale and the platform scale are tested separately. See IPO for platform scales.

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

REVISION

Original document