

<b>Field Inspection Manual</b>	Part: <b>2-IPO</b>	Section: <b>4</b>	Page: <b>1 of 2</b>
<b>Non Automatic Weighing Devices</b>	Issued: <b>2004-03-01</b>	Revision Number: <b>Original</b>	

**TYPE 3.10      STEEL YARD SCALES**

**APPLICATION**

Mechanical steel yard type scales including double beam hanging scales

**EQUIPMENT**

Inspector's weight kit, local standards in sufficient number and capacity, and 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

**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 - BEAM, POISE, AND ZERO SETTING MECHANISM . . . . . STP-5**

- Weight values are adequately defined
- Scale marks and numbering are clear and readable
- Poise is clean; no part has been lost;
- Poise adjusting material is enclosed and held firmly in position
- Poise indicating component is in good condition and allows for accurate readings
- Material for setting zero is enclosed and secured
- Balance ball assembly is held firmly in position

**PERFORMANCE**

- Load Discrimination Test (No Load) . . . . . STP-14
- Increasing Test . . . . . STP-13
- Eccentricity Test (not required on beam-over-pan scales) . . . . . STP-15
- Load Discrimination (Max) . . . . . STP-14
- Decreasing and Return-to-Zero Test . . . . . STP-13

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Repeatability Test ..... STP-16

**REVISION**

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