Title: Calibration Of Optical Height And Stagger Gauge

Scope

Work Instruction for the internal calibration of Optical Height and Stagger Gauge. To be used in the absence of a manufacturers calibration instruction.

Preparation

Calibration must be carried out using Category A Master instruments as required.
Equipment required;-

1.1 Height and Stagger Gauge Calibration Rig.
1.2 Steel Rules with Holder.
1.3 Spirit Level.

Method

2.1 All calibration results must be entered on the results sheets (see appendix A).

2.2 Insert the latest calibration figures for the height and stagger gauge calibration rig in the appropriate columns.

2.3 Carry out repair / calibration in accordance with CAL210 “Calibration of Optical Height and Stagger Gauges”.

2.4 Complete the results sheet header and enter Pass / Fail

- All records must be kept for audit purposes

References

Appendix A Calibration Results for Optical Height and Stagger Gauge

Documents
Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-L3-MTC-ME0201-CAL265 I 2008

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 23:46:16 MDT

Title: Calibration Of Optical Height And Stagger Gauge

Appendix A

Calibration Results for Optical Height and Stagger Gauge

Model ……Serial No ……..

Date ……..Result ……

Ambient Temp ……Operator ……

User Location ……Certificate No ……

Mechanical Checks

Test 1	Is the stand mechanically sound, stable on its four legs and undamaged?	Pass / Fail
Test 2	Is the top bar of the stand level?	Pass / Fail

Stagger Calibration
UUT Accuracy ± ½" or ± 12.5mm

Test No	Calibration Rig Stagger Inches / mm	UUT Stagger Inches / mm	Allowed Limits	Results
3			± ½" or 12.5mm	Pass / Fail
4			± ½" or 12.5mm	Pass / Fail
5			± ½" or 12.5mm	Pass / Fail
6			± ½" or 12.5mm	Pass / Fail
7			± ½" or 12.5mm	Pass / Fail
8			± ½" or 12.5mm	Pass / Fail
9			± ½" or 12.5mm	Pass / Fail

Height Calibration
UUT Accuracy ± ¾" or ± 20mm

Test No	Calibration Rig Height Feet & Inches or Metres	UUT Height Feet & Inches or Metres	Allowed Limits	Results
10			± ¾" or 20mm	Pass / Fail
11			± ¾" or 20mm	Pass / Fail
12			± ¾" or 20mm	Pass / Fail
13			± ¾" or 20mm	Pass / Fail
14			± ¾" or 20mm	Pass / Fail
15			± ¾" or 20mm	Pass / Fail
16			± ¾" or 20mm	Pass / Fail

Documents
Document Sharing Hub

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-L3-MTC-ME0201-CAL265 I 2008

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 23:46:16 MDT