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| <b>NR/L2/SIG/30014/G130/A&amp;R01</b>          |
| Non-Conceptual Test Plan                       |
| <b>Temporary Alteration to Point Detection</b> |
| Issue No. 01                                   |
| Issue Date: 03/09/11                           |
| Compliance Date: 03/09/11                      |

**Safety:**



Temporary alterations shall only be undertaken when specially authorised by the Signal & Telecom Maintenance Engineer

**Safety:**



The installation work shall be carried out by a competent person independent of the person undertaking the testing

**Important:**



This Test Plan shall be read and used in conjunction with NR/L3/SIG/10064/D012 and D023

## A01: Temporary Strapping of Point Detection

|                  |                                                                                        |
|------------------|----------------------------------------------------------------------------------------|
| <b>Includes:</b> | Strapping point detection circuits where temporary design drawings have been provided. |
| <b>Excludes:</b> | Permanent alterations.                                                                 |

## BEFORE INSTALLATION WORK

- 01 [Check](#) that drawings show the whole of the original detection circuit.
- 02 [Check](#) that drawings show original & revised arrangements and have been signed by the design producer & checker.
- 03 [Check](#) that the existing wiring has [Safe Insulation](#).
- 04 [Check](#) that the existing wiring is [Correctly Labelled](#).
- 05 Correlate the circuits identified on the diagrams and [Check](#) that the point equipment in situ is the type shown on the original diagram.
- 06 [Check](#) that temporary drawing correctly identifies power supply and relay or output ends of the detection circuit.
- 07 [Test](#), where polarised detection circuits are in use, that the polarity matches that shown on the 'original' temporary drawing, along the entire circuit length.
- 08 [Isolate](#) the existing point equipment from the supply.

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## AFTER INSTALLATION WORK

- 09 [Check](#) that temporary wiring is [Correctly Installed](#).
- 10 [Check](#) that temporary wiring is of correct colour and is [Correctly Labelled](#).
- 11 [Check](#) that temporary wiring is not susceptible to mechanical damage.
- 12 [WIRE COUNT](#) the circuits to temporary drawing 'revised' arrangements.
- 13 [Check](#) that any links, and red dome nuts or equivalent, are secure and as specified on the temporary drawing.
- 14 [Check](#) terminations are secure and suitably protected.
- 15 [Check](#) that all non working wires are insulated by an approved method and secured clear of working apparatus and terminals.
- 16 [Check](#) that all wires and cables are secure and clear of parts which could move.
- 17 Carry out a modified [CORRESPONDENCE TEST](#) for the position in which the points have been secured.
- 18 Carry out a modified [DETECTION TEST](#) to [Check](#) that all contacts required by the temporary design to be in the circuit are present and effective.
- 19 [Check](#) that any switch rails remaining in situ are secured in the correct position by an approved method.
- 20 [Check](#) that all other point ends have been secured in the position(s) required by the signaller.
- 21 [Check](#) that IRJ clearances conform to any shown on the Bonding Plan and NR/SMS/Part/Z03  
**(TRACK RENEWALS or WHERE ANY IRJs HAVE BEEN MOVED)**

### Caution:



**There shall not be a worsening of any existing clearances; existing non-conforming clearances shall be reported to your Section Manager (Signals).**

- 22 [Check](#) that signals cannot be cleared for routes reading over broken or missing rails or switches.
- 23 [Check](#) that the drawing is signed and dated by the tester.
- 24 [Check](#) that a temporary maintenance copy drawing is attached to the location drawings.