

NOTICE BOARD

NB 144
Issue 1
08/12/2015
Expires: 31/03/2016
Page 1 of 2



NETWORK RAIL - SIGNAL ENGINEERING 2BA Terminal Block Captive Link – Delamination of Plating

Purpose

To highlight that defective plating on 2BA terminal block captive links has been identified and to remind staff of the actions to be taken if found.

Scope

Applies to all staff involved in the supply, installation, testing or maintenance of equipment or housings fitted with 2BA terminal blocks and captive links.

Background

A recent investigation by Atkins Technical Investigation Centre (15098) identified a 2BA captive link with delamination of the nickel plating (figure 1). The delaminating plating was not identified as the cause of the failure; however if the delaminating plating bridges terminations, it could cause a Wrong Side Failure.

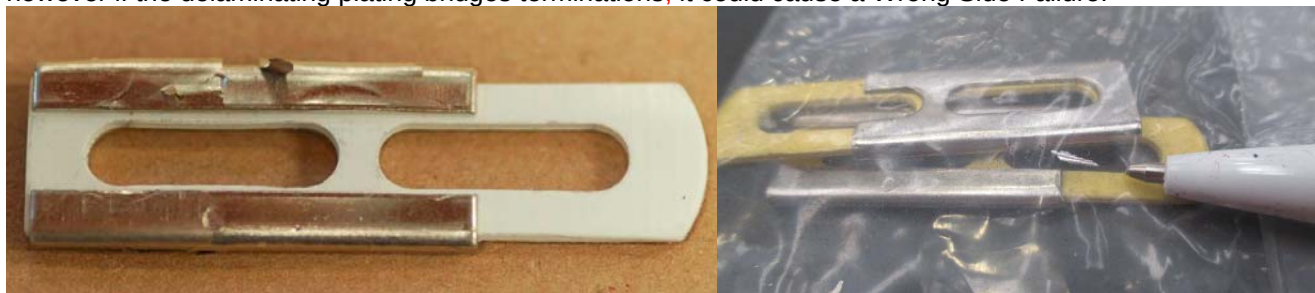


Figure 1

An investigation is being undertaken by NSC Supplier Quality Assurance to determine the root cause of the defect. Findings from the investigation will determine any remedial actions that may be necessary.

Action

Please be extra vigilant when installing, maintaining, testing and faulting equipment with 2BA terminals. If terminals are found with defective plating (cracks or delamination) they should be replaced and quarantined. Defective links should be clearly labelled with their location details (location case, row and terminal number etc.) for traceability. Any defective links that are located should be reported to the originator of this Notice Board. No additional action beyond what is normally required for signal engineering activities is required.

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PUBLISHED UNDER NR/L2/SIG/11120

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NB 144

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08/12/2015

Page 2 of 2

Staff to be Briefed

Role	Responsible for Briefing
Route Asset Managers (Signalling)	Author
Signal & Telecoms Maintenance Engineer	Route Asset Managers (Signalling)
Section Manager (Signals)	Signal & Telecoms Maintenance Engineer
Signal Technicians Signalling Technical Support Staff	Section Manager (Signals)
S&T Trainers (Workforce Development Specialists)	Author
Head of Engineering (Infrastructure Projects – Signalling)	Author
Signalling Delivery Engineers Project Engineers Programme Engineering Manager (Test & Commissioning)	Head of Engineering (Infrastructure Projects – Signalling)
Test & Commissioning Engineers	Programme Engineering Manager (Test & Commissioning)

End