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| **Signal Support Work Instruction****Part 1** | **No.**  |
| **Page 1 of 2** |
| **Project:** | **Register No:** |
| **Shift Time from:** | **To:** | **Date:** |
| **Issued to:**  |  | **Team No:** |
| **Package Lead:**  |  | **Version No:** |
| **Activity:** | **TRACK CIRCUIT RESTORATION** |
| **Standards/Procedures/Drawings:** Signalling Safeworking Procedures –MN S 40000. Signalling Plan, Track Insulation Plan, Circuit Book, Disconnection List, Track History Card |
| **Activity No.** | **Task No.** | **WORK DESCRIPTION** | **Completed****Name/Sign** |
| **1** | **1A** | Reconnect all track leads as nominated on the attached Field Disconnection List inspecting and cleaning all track/parallel bond connections with a wire brush. Remove temporary traction return bonding. Check restored arrangements are in accordance with the track Insulation Plan |
| **2** | **2A** | Set to work track circuits, ensure that rail surfaces are bright and clean. Check voltage drop for each track connection |
|  | **2B** | Conduct Micro-Ohm test on all new track leads installed as part of the works (excluding hypalon) |
|  | **2C** | If working on Audio Frequency tracks where track leads have been removed from the rail, measure the tuned loop length to confirm it meets the required distance |
| **3** | **3A** | Conduct a fixed shunt check (as per PR S 40025 Section 4.2.2.2) at the relay end and measure the relay/receiver voltage before and during the check |
|  | **3B** | Where parallel bonding is involved - conduct a fixed shunt check at each extremity. APPLICABLE/NOT APPLICABLE |
|  | **3C** | If readjustment is required - full testing is to be conducted. in accordance with the PR S 40025 Sections 5.1 YES/NO |
| **4** | **4A** | Mark up the Track History Card and make the required copy and attach to this work instruction. Include Meter No on the record |
| **5** | **5A** | Ensure all defects or uncompleted work has been logged in the package to ensure rectification later. |
|  | **5B** | Ready to Book back into use |
| **6** |  | **INSPECT TEST AND CERTIFY THE FOLLOWING TRACK CIRCUITS:****(For each Track circuit - Tick each applicable task completed)** |
|  |  | **Track Name Type……….** |  | **1A** | **2A** | **2B** | **2C** | **3A** |
| **3B** | **3C** | **4A** | **5A** | **5B** |
|  |  | **Track Name Type……….** |  | **1A** | **2A** | **2B** | **3A** | **3A** |
| **3B** | **3C** | **4A** | **5B** | **5B** |
|  |  | **Track Name Type……....** |  | **1A** | **2A** | **2B** | **2C** | **3A** |
| **3B** | **3C** | **4A** | **5A** | **5B** |

See over for completion of Work Instruction

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| **Signal Support Work Instruction****Part 2** | **Page 2 of 2** |
| **OUTSTANDING, INCOMPLETE WORK or NEW WORK REQUIRED** |
| **ACT** | **TASK** | **DETAILS** | **UNCOMPLETED WORK TRANSFERRED TO:**  |
| **Work Instruction No** | **Log line Item** |
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| **Emergency Phone Numbers** |
| **Regional Signalling Representative:** |  |
| **Possession/Closedown Management:** |  |
| **Signal Box or Control Centre:** |  |
| **ICON:** |  |
| **Incident Hotline:** |  |
| **WORK STATUS STATEMENT** |
| **The Work described above has been performed and recorded in accordance with the specified standard. Any outstanding actions that do not affect the operation of the Signalling system have been transferred to another work instruction or listed in the log for future completion.**

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| **Name** |  |
| **Position** |  |
| **Signature** |  | **Date** |  |

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