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| --- | --- | --- |
|  | No |  |
| Project: |  |
| Prepared By: |  |
| Location / Description: |  | Work Package No: |  |
| Specifications & Drawings |  | Date: |  |
| Apparatus: | Track Circuit | Number/Name: |  |
| Type Name: |  | Type Classification: |  |
| Procedure: | PR S 47114, PR S 47115 |

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| No | Inspection /Test Performed: Equipment /Labelling/Installation/Operation Correct | Initials |
| 1 | Equipment types & configurations & installation physically correct to specifications/ drawings |  |
| 2 | Track circuit limits, fouling/clearance points, block joints, dead sections, correct. |  |
| 3 | Impedance bonds, electrolysis bonds, spark gaps, traction bonding correct. |  |
| 4 | Track circuit bonding correct. |  |
| 5 | No spurious connections or earths, spark gaps open circuit. |  |
| 6 | Track circuit leads, cables, cabling, terminations correct. |  |
| 7 | Surge protection and earthing correct. |  |
| 8 | Circuit continuity tests, wire/null counts correct. |  |
| 9 | Insulation tests correct. |  |
| 10 | Test certificates of readings of parameters completed and correct. |  |
| 11 | Equal rail currents 50Hz AC double rail track circuits. |  |
| 12 | Polarity/phase reversal between similar type track circuits, correct. |  |
| 13 | Nil/negligible residual receiver/relay voltage when feed fuse removed. |  |
| 14 | Drop away shunt test, fixed shunt tests (all extremities, mid points) correct. |  |
| 15 | Correspondence through tests correct. |  |
| 16 | Track stick circuit operation correct. |  |
| 17 | Padlocks, locks fitted and correct. |  |
| 18 | Occupational Health & Safety/Environmental compliance, correct |  |
| 19 | Workmanship to best practice, equipment in good condition |  |
| 20 | Redundant equipment securely inoperative, made safe/removed. |  |
| 21 | Ready for commissioning into use. |  |

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| Remarks: |
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| Work Status Statement | Received / Checked / Action Statement |
| The Work described above has been performed and recorded in accordance with the specified standard |  |
| Name: |  | Name: |  |
| Designation: |  | Designation: |  |
| Signature: | Date: | Signature: | Date: |
|  |  |  |  |