|  |  |  |  |
| --- | --- | --- | --- |
| NR/L3/ELP/SAI25/B (Issue 1)03/06/2023 |  |  |  |
| **FORM** |  | **NETWORK RAIL** |  | **Ref:**  |
| **B** |  | **AUTHORITY TO TEST AND APPLY PORTABLE EARTHS AND REMINDER OF LIVE EXPOSED EQUIPMENT TO OVERHEAD LINE EQUIPMENT INCLUDING RETURN CONDUCTORS AND AUTOTRANSFORMER FEEDERS.** |  |  |

**Part 1 – Authority**

|  |  |  |
| --- | --- | --- |
| From Electrical Control Operator at |  |  Electrical Control |
| To |  |  Message no. |  |  Date |  |  Contact no. |  |

The following overhead line equipment (OLE) and/or return conductor (RC) / autotransformer feeder (ATF) has been switched off. You shall test that it is switched off and then apply portable earths and Reminder of Live Exposed (RoLE) equipment to the infrastructure.

|  |  |  |
| --- | --- | --- |
| Electrical section(s) or subsection(s) isolated | Line(s) / ATF(s) | Limits of isolation |
| From | To |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

You shall apply portable earths to the following return conductors:

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Disconnectors and circuit breakers

|  |  |
| --- | --- |
| Effecting the isolation | Not in normal position |
|  |  |

When portable earths and reminder of live exposed equipment have been applied you may issue Overhead Line Permit(s).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| This authority is to be cancelled by |  |  hours |   |  date |  |  |
| Sent by |   | (name) Received by |  | (name) |   | (cert. no.) |
|  | (ECO) |  | (Nominated Person) |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | 1st Relief | 2nd Relief | 3rd Relief |
| Name (current holder) |  |  |  |
| Signature (current holder) |  |  |  |
| Name (relief) |  |  |  |
| Cert. number (relief) |  |  |  |
| Contact number (relief) |  |  |  |
| Date and time relieved |  |  |  |
| Signature (relief) |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Electrical Control use only** |  |  |  |  |  |
| *\*Tick appropriate box* | Y | N |  | Form B checked by (name) | Signature |
| Late changes to documentation\* |  |  |  |   |  |

FORM B (continued)

**Part 2 – Issue**

From the receiver of Part 1, or their relief, to the Electrical Control Operator.

The following portable earths and reminder of live exposed equipment have been applied to the overhead line equipment (OLE) and/or return conductor (RC) / autotransformer feeder (ATF) and the following Overhead Line Permit(s) issued.

|  |  |  |  |
| --- | --- | --- | --- |
| Circuit Main Earths, Additional Earths applied to OLE, RC or ATF at:(state structure number, line and if duplicate (D) or single (S)) | RoLE equipment applied to OLE, RC or ATF at: (state structure number, line and type) |  | Overhead Line Permits Issued |
| Date and time of issue | Issued to Name / Relief,employer and communication details | Date and time of cancellation |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Part 3 – Cancellation** | Form B |  | of |  |

This Form B shall be cancelled where either:-

1. Work has been completed and all persons and materials are clear; or
2. This Form B has been superseded for the purpose of altering the extent of an existing isolation, the revised Form B message number is

*delete item a) or b) as required.*

All Overhead Line Permits have been cancelled and all portable earths and reminder of live exposed equipment have been removed.\*

The overhead line equipment (OLE) is fit for the passage of electric traction and the block to electric trains can be cancelled or other arrangements made as appropriate.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Message no. |  |  Sent by |  |  (Nominated Person) |
| Date |  |  Received by |  |  (ECO) |

\* Where portable earths, reminder of live exposed equipment or jumpers need to be left in position after cancellation of this authority, these shall be indicated above and the Electrical Control Operator advised.

*This form B when completed shall be dealt with in accordance with Network Rail Company Standard NR/L3/ELP/29987 Module 7 clause 24.1.*