ACTIVE LEVEL CROSSING – ENGINEER’S INSPECTION RECORD

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Location: | Road: | ID: | Km: | Telephone No: |
| Monitor type: |  | Boom Mech Type: |  | Battery Type: |
| Charger Type: |  | Type of lights (Inca/LED): |  | No of lights: |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Last Maintenance Inspection | Crossing Busbar voltage | Crossing battery voltage | Charge current | Operating current | Lowest Cell (2mins) | Battery alarm card/BVM voltage | Electrolyte level (%) | Train Check Y=Yes N=No | MR6 diode check (if applicable) | Current sensor voltage (if applicable) | Lamp Lens Condition | Lamp focus & Alignment ## | Road Markings ## | Signages ## | Boom/Gate Mechanism ## | Lamp Voltage/Current | Monitor condition and logs (review) | Busbar Voltage | Earth Leakage | Road Authority Advised and evidence retained (Yes/No) | Remarks | Name and Signature |
|  |  | Float | Float | Trickle | Standing load | Cell# | Float |  | Up |  | City side | City side | Focus |  |  | City side |  | Faults | Crossing | Crossing |  |  |  |
| Operate | Ref Set | 50V | 50V |
|  | 2 min# | 2 min# | Boost | Booms raising | Cell Volts | 2 min# |  | Down |  | Ctry side | Ctry side | Alignment |  |  | Ctry side |  | Warning | 110v/120v | 110v/120v |  |  |  |
| Boost charge |  |  |
|  |  | Float | Float | Trickle | Standing load | Cell# | Float |  | Up |  | City side | City side | Focus |  |  | City side |  | Faults | Crossing | Crossing |  |  |  |
| Operate | Ref Set | 50V | 50V |
|  | 2 min# | 2 min# | Boost | Booms raising | Cell Volts | 2 min# |  | Down |  | Ctry side | Ctry side | Alignment |  |  | Ctry side |  | Warning | 110v/120v | 110v/120v |  |  |  |

# Switch battery charger off. Take voltage reading after crossing has operated for 2 mins whilst crossing is operating.

## If check OK please tick in box; if attention required please record the action required or defect reference number from Ellipse.