HBL Engineering Limited

Electronics Group

In-Process QC Checklist for Wayside Kavach Installation

QC Engineer Name: v1.0

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Station Name** | **Station code** | **Stationary Kavach ID** | **Railway Division** | **Section** |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Total Points** | **Closed Points** | **Open Points** |
|  |  |  |

|  |  |  |
| --- | --- | --- |
| **Start Date & Time** | **Completed Date & Time** | **Total Hours** |
|  |  |  |

**Completion Status ** Completed  Not Completed

1. **VERIFICATION OF SERIAL NUMBERS OF EQUIPMENT AS PER IC**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Description** | **Status** | **Remarks** | **Images** |
| 1.1 | Ensure presence of Hologram and S/R Stamp on each equipment | Present |  |  |
| 1.2 |  | Matching |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

1. Stationary **KAVACH**-------- As per checklist
   1. **PDU**
   2. **DC-DC Converter**
   3. **Station OFC Termination Panels**
   4. TCAS Repeater Relay Rack
   5. GPS - GSM Antenna
2. SMOCIP
   1. SM-OCIP OFC Termination Panels
3. Tower and RTU
4. RFID Tags

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tag Data Version** | **Tag Layout Version** | **Total Tags verified** | **Total Tags Issues** | **Tag to tag distance not match within +/- 5mts** |
|  |  |  |  |  |

1. Tag Visual Inspection

| # | Tag ID | **Is Tag fixed properly?** | **Remarks** | **Image** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Note: **Visual checks are Cracks, Shade, No oil, Center Placement, Play, Tag Number & ABS location on Tag**

1. Tag to Tag Distance

| # | SA Tag ID | SF Tag ID | Distance as per layout (Mtrs) | Actual Distance (Mtrs) | Diff (Mtrs) | **Remarks** | **Image** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

1. Tag Program Verification report via RFID Reader

Upload Document here:

Note : This QC report is generated by the system and does not need a physical signature.