



**PRASA PROJECT**




# SELF INSPECTION SHEET

## CONFIDENTIAL INFORMATION


This document and the information contemplated therein have to be considered as Confidential Information pursuant to the provisions of Clause 25 of the MSA, and treated as such.

### APPLICATION REFERENCE

| MOUNTING                 |               | DESCRIPTION             | STATION | CAR TYPE |    |    |    |    |     | WORK INSTRUCTION | SAFETY ?  |
|--------------------------|---------------|-------------------------|---------|----------|----|----|----|----|-----|------------------|--|
|                          |               |                         |         | TC1      | M4 | M1 | M2 | M3 | TC2 |                  |  |
| <input type="checkbox"/> | DTR3-PROCE-06 | INTERNAL WATERTIGHTNESS | FT1040  | 1        | 1  | 1  | 1  | 1  | 1   | PRA.FT1040.05.V6 | NO   |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |
| <input type="checkbox"/> |               |                         |         |          |    |    |    |    |     |                  |  |

| REV | DATE       | MODIFICATION CONTENT                                   | RESPONSIBLE | NAME                   | DATE       |
|-----|------------|--|-------------|------------------------|------------|
| 0   | 2017/07/10 | ACCORDING TO<br>IND-SAL-PRS-FRM-022_Rev_04 (LAPA)      | APPROVER    | THABISO KOMAKO         | 2017/07/30 |
|     |            |  | CHECKER     | TANUSS MARCONDES       | 2017/07/30 |
|     |            |  | COMPILER    | SELINA MADINGA         | 2017/07/10 |
| 1   | 2020/05/26 | UPDATED EXPOSURE TIME FROM 20 MINUTES<br>TO 40 MINUTES | APPROVER    | VIASHEN SOOBRA MONEY   | 2020/05/26 |
|     |            |  | CHECKER     | JOSHUA NEMANASHE       | 2020/05/26 |
|     |            |  | COMPILER    | MUIMELELI TSHITHAVHANA | 2020/05/26 |
| 2   | 2022/06/22 | REMOVED AIR EXTRACTOR AS PER BASELINE<br>10.3          | APPROVER    | COLLINS MBHOMBHI       | 2022/06/22 |
|     |            |  | CHECKER     | ALLONIA NKONWANA       | 2022/06/22 |
|     |            |  | COMPILER    | VANESSA NTULI          | 2022/06/22 |

| TUE   | CAR | OPERATOR NAME | DATE       | SELF INSPECTION NUMBER | PAGES |
|-------|-----|---------------|------------|------------------------|-------|
| TS215 | M1  | MONDLI HADZEE | 04/03/2024 | SI.FT1040.22           | 01/08 |

|   |   |                     |                   |                     |
|---|---|---------------------|-------------------|---------------------|
|  | <b>SELF INSPECTION<br/>INDUSTRIAL QUALITY</b> | Rev.<br>02          | Project:<br>PRASA | <b>SI.FT1040.22</b> |
|   |   | DATE-<br>2022/06/22 |                   |                     |



Safety Related

Work station:

FT1040

Car: TSJ15 - M01

NCR:

## I - Documentation and Instruments

### I.1 - Documentation Control

| Document         | Type of car |    |    |    |    |     | Revision | Observation | OK |     | Signature/Date |
|------------------|-------------|----|----|----|----|-----|----------|-------------|----|-----|----------------|
|                  | TC1         | M1 | M2 | M3 | M4 | TC2 |          |             |    |     |                |
| PRA.FT1040.05.V6 |             | ✓  |    |    |    |     | 05       | GOOD        | ✓  | N/A | DOBE 04/03/24  |

### I.2 - Instruments Control


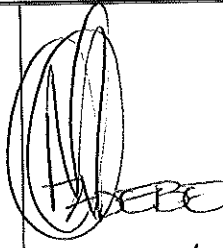
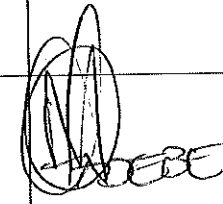
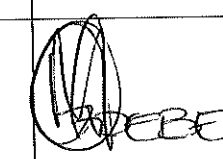
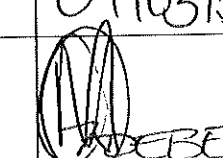
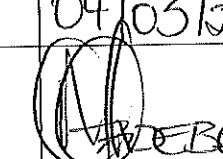
#### Monitoring and Measuring Instrument Control - Used for Special Process


| Instruments    | Serial number | Calibration or Verification<br>Validation Date | OK |  | Signature/Date  |
|----------------|---------------|--|----|--|-----------------|
| PRESSURE GAUGE | NA            | NA   | ✓  |  | DOBE 04/03/2024 |
|                |               |  |    |  |                 |
|                |               |  |    |  |                 |
|                |               |  |    |  |                 |


## II - Control Activities of Production

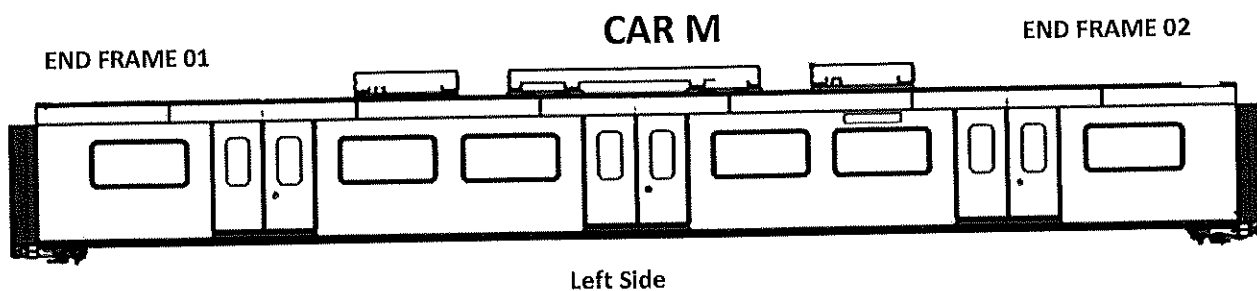
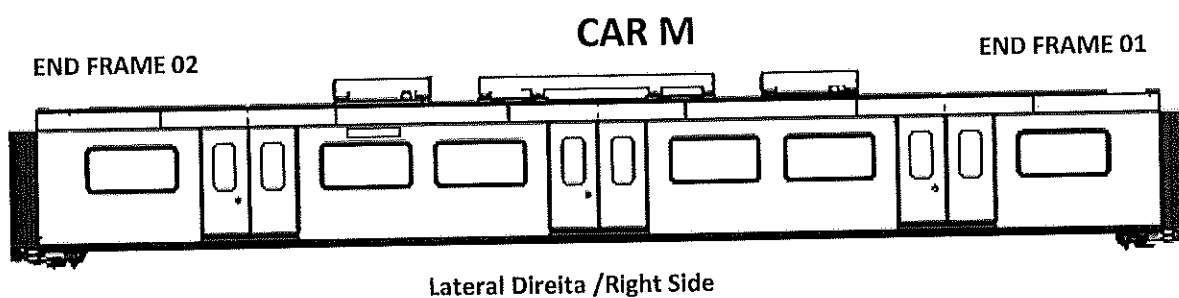
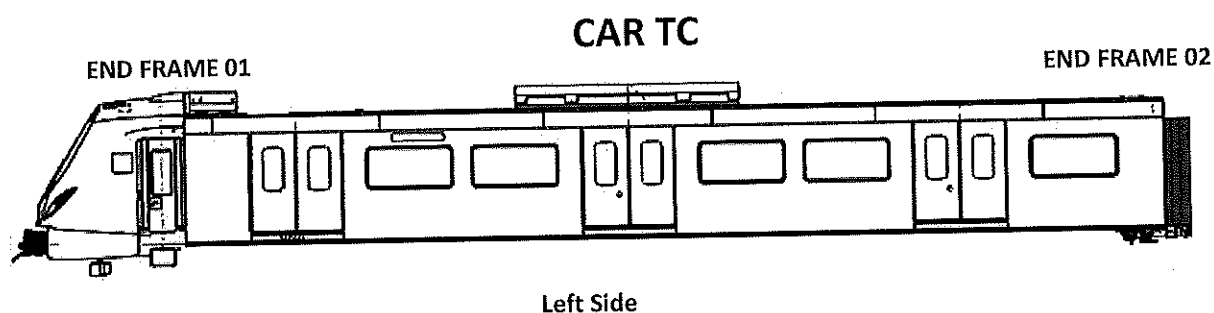
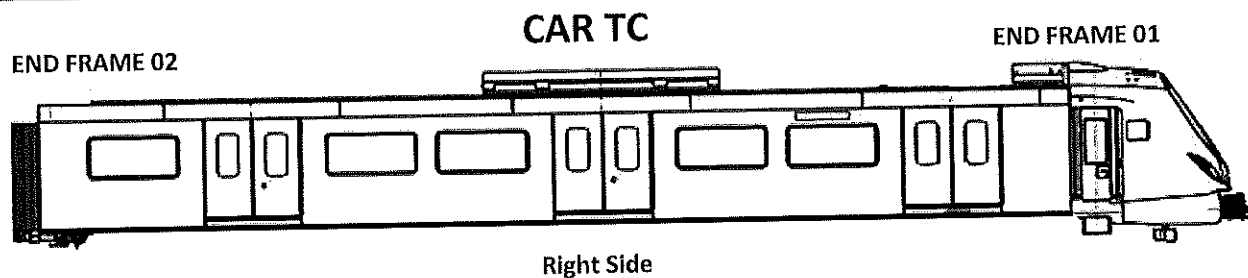
### II.1 - Items to check


| Item | Picture/Drawing | Description   | Acceptance criteria / Record  | OK | NOK | Rework | Signature/Date  |
|------|-----------------|---|---|----|-----|--------|-----------------|
| 01   | -               | Cleaning the Sector. 5S program up-to-date  | The waterproof floor and car floor must be clean. There must be no materials, parts in place that may fall into the tank.   | ✓  |     |        | DOBE 04/03/24   |
| 02   | -               | <p>Assembly according drawin or complementary documentation approved by ALSTOM engineering</p> <p>Parameters of the record:</p> <p>1. Water pressure:<br/>Specified: Minimum 4 + 1 / -0.5 bar.<br/>Found: 4 bar</p> <p>2. Exposure time:<br/>Specified: 40 minutes<br/>Attendance: 20 minutes</p> | There is no water retention in the roof or underframe. In any case, it shall be checked there that exists a clear drainage path on the roof to evacuate the water after the test. | ✓  |     |        | DOBE 04/03/2024 |

|  |  | <b>SELF INSPECTION<br/>INDUSTRIAL QUALITY</b>   |   | Rev.<br>02          | Project:<br>PRASA | <b>SI.FT1040.22</b>   |  |
|---|--|---|---|---------------------|-------------------|---|--|
|   |  |   |   | DATE-<br>2022/06/22 |                   |   |  |
| 03  |  | After the test check watertightness of the box<br><br>The box is leakage free?<br>NOTE: If they are detected leakage points the same must be recorded in the table and indicated its location in figures below (Pg 02; 03).<br>Provide the correction of points and then re-test, according To item 5.2 of the Test Procedure.<br>Not occurring points leakage, annul fields of item 11 | There is no water retention in the roof or underframe. In any case, it shall be checked there that exists a clear drainage path on the roof to evacuate the water after the test. | ✓                   |                   | <br>04/03/2024   |  |
| 04  |  | Windows   | Não deve haver vazamento entre a estrutura e a janela.<br><br>There must be no water leakage between the structure and the window   | ✓                   |                   | <br>04/03/2024   |  |
| 05  |  | Hvac  | There must be no water leakage between the structure, supports, corrugation and drains  | ✓                   |                   | <br>04/03/2024  |  |
| 06  |  | Sidewall  | There must be no water leakage between the structure, window and doors  | ✓                   |                   | <br>04/03/2024 |  |
| 07  |  | Roof  | There must be no water leakage between the air extractor, corrugation, antennas and passage of cables   | ✓                   |                   | <br>04/03/2024 |  |
| 08  |  | End frames  | There must be no water leakage between the end frame and gangway.   | ✓                   |                   |   |  |

|   |   |   |   |                     |                   |                     |  |    |
|---|---|---|---|---------------------|-------------------|---------------------|--|----|
|  |   | <b>SELF INSPECTION<br/>INDUSTRIAL QUALITY</b> |   | Rev.<br>02          | Project:<br>PRASA | <b>SI.FT1040.22</b> |  |    |
|   |   |   |   | DATE-<br>2022/06/22 |                   |                     |  |    |
| 09  | - | Cabin Junction                                | There must be no water leakage between the cabin, sidewall and roof |                     |                   |                     |  | NA |
| 10  | - | Windscreen                                    | There must be no water leakage between the Windscreen and the mask. |                     |                   |                     |  | NA |

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|---|-------------|---|----|---------------------|-------------------|----------------|
|   |             |   |    | DATE-<br>2022/06/22 |                   |                |
| ITEM  | Nº Leakages | Description leakages and correction of action | OK |                     |                   | Signature/Data |
| 11  |             |   |    |                     |                   |                |
|   |             |   |    |                     |                   |                |
|   |             |   |    |                     |                   |                |
|   |             |   |    |                     |                   |                |
|   |             |   |    |                     |                   |                |

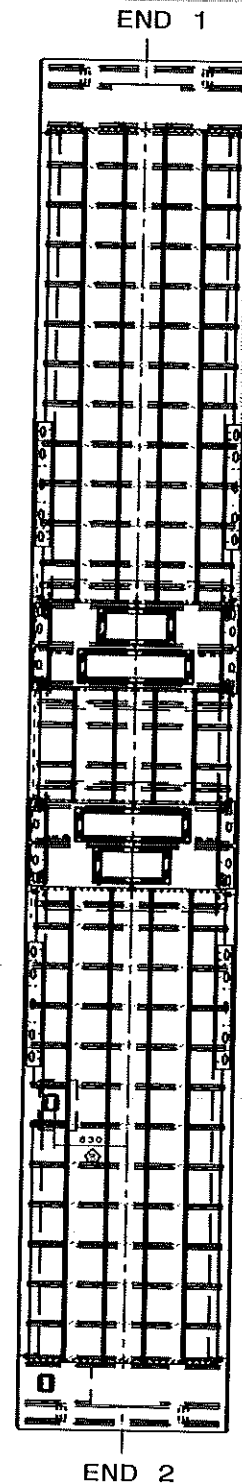
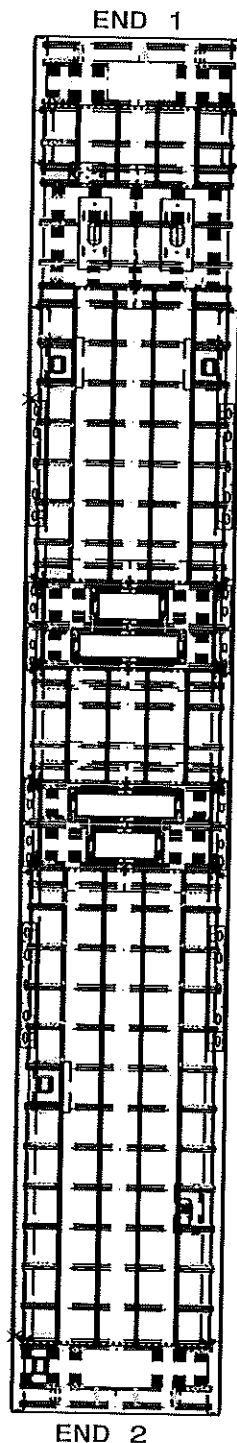
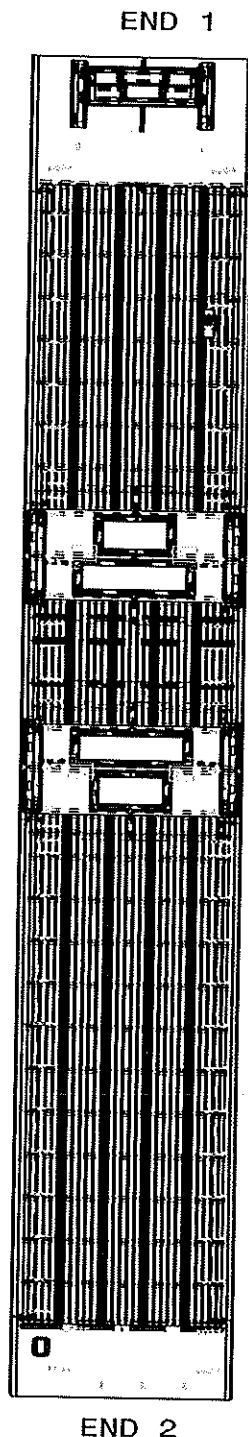


|   |   |                     |                   |                     |
|---|---|---------------------|-------------------|---------------------|
|  | <b>SELF INSPECTION<br/>INDUSTRIAL QUALITY</b> | Rev.<br>02          | Project:<br>PRASA | <b>SI.FT1040.22</b> |
|   |   | DATE-<br>2022/06/22 |                   |                     |

**TC**


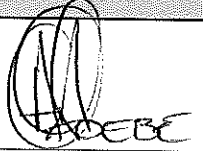
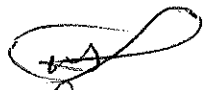

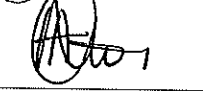
**M1 and M2**

**M3 and M4**

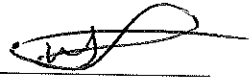


| Item | Description of the issue | OK | Signature/Date |
|------|--------------------------|----|----------------|
|      |                          |    |                |
|      |                          |    |                |



|  |   |   |                   |                                    |   |
|--|---|---|-------------------|------------------------------------|---|
|                               | <b>SELF INSPECTION<br/>INDUSTRIAL QUALITY</b> | Rev.<br>02  | Project:<br>PRASA | <b>SI.FT1040.22</b>                |   |
|  |   | DATE-<br>2022/06/22   |                   |                                    |   |
| <b>Self Inspection - Final Result</b>  |   |   |                   |                                    |   |
| Is the car good to advance to the next workstation? (Required the approval of EPU Manager and Quality Control) |   | DATE  | NAME              | SIGNATURE                          |   |
| HOLD POINT   | GO  | If activities are not complete, the missing activities must not impact the next stage!  | 04/03/2024        | Operations Manager<br>Mondy Hadebe |  |
|  |   | (Every auto inspection performed conforms to specification or in case of divergence the same is approved by the competent party.) | 04/03/2024        | Industrial Quality<br>Michael      |  |
|  |   | There are activities pendings that impact/stop the activities of the next process<br>Obs: (To describe problems below)            | 04/03/2024        | Operations Manager<br>Mondy Hadebe |  |
|  |   | There are non-conformities impact the quality of the product and there is no corrective action defined yet) )                     | 04/03/2024        | Allowua<br>Industrial Quality      |  |
| In case of "NO GO", describe blocking problems<br>Roof Corrugation leaking above door 3                        |   |   |                   |                                    |   |
| In case of "NO GO", the operations manager must define below action plan to ensure "GO":                       |   |   |                   |                                    |   |
| Item   | Description                                   | Action  | Responsible       | Due Date                           | Status  |
| 1  | Roof leak above door 3                        |   |                   | 05/03/24                           |   |
|  |   |   |                   |                                    |   |
|  |   |   |                   |                                    |   |

Operations Manager/ Team Leader

  
 Quality Manager/ Team Leader