

# 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  | <del>1</del> | 1                | PRA.FT1040.05.V6 | NO |
| <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 SOOBAMONEY    | 2020/05/26 |
|     |            |  | CHECKER     | JOSHUA NEMANASHE      | 2020/05/26 |
|     |            |  | COMPILER    | MUMELELI 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 |
|-----|-----|---------------|----------|------------------------|-------|
| 226 | M03 | Thabo         | 15/05/24 | <b>SI.FT1040.22</b>    | 01/08 |

|  |   |
|--|---|
|  Safety Related | Work station: FT1040                            |
| Car: <input style="width: 150px;" type="text"/>  | NCR: <input style="width: 150px;" type="text"/> |

### I - Documentation and Instruments

#### I.1 - Documentation Control

| Document         | Type of car |    |    |    |    | Revision | Observation | OK | NOK | Signature/Date   |
|------------------|-------------|----|----|----|----|----------|-------------|----|-----|--|
|                  | TC1         | M1 | M2 | M3 | M4 |          |             |    |     |  |
| PRA.FT1040.05.V6 |             |    | X  |    |    |          | GOOD        | ✓  | N/A | 15/05/24  |

#### I.2 - Instruments Control

| Monitoring and Measuring Instrument Control - Used for Special Process |               |  |    |     |  |
|--|---------------|--|----|-----|--|
| Instruments  | Serial number | Calibration or Verification<br>Validation Date | OK | NOK | Signature/Date   |
| PRESSURE GAUGE   | NA            | NA   | ✓  |     | 15/05/24  |
|  |               |  |    |     |  |
|  |               |  |    |     |  |

### 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.   | ✓  |     |        | 15/05/24  |
| 02   | -               | Assembly according drawn or complementary documentation approved by ALSTOM engineering<br>Parameters of the record:<br>1. Water pressure:<br>Specified: Minimum 4 + 1 / -0.5 bar.<br>Found: <u>4.6</u> bar<br>2. Exposure time:<br>Specified: 40 minutes<br>Attendance: <u>20</u> minutes | 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. | ✓  |     |        | 15/05/24  |



# SELF INSPECTION INDUSTRIAL QUALITY

Rev.  
02  
DATE-  
2022/06/22

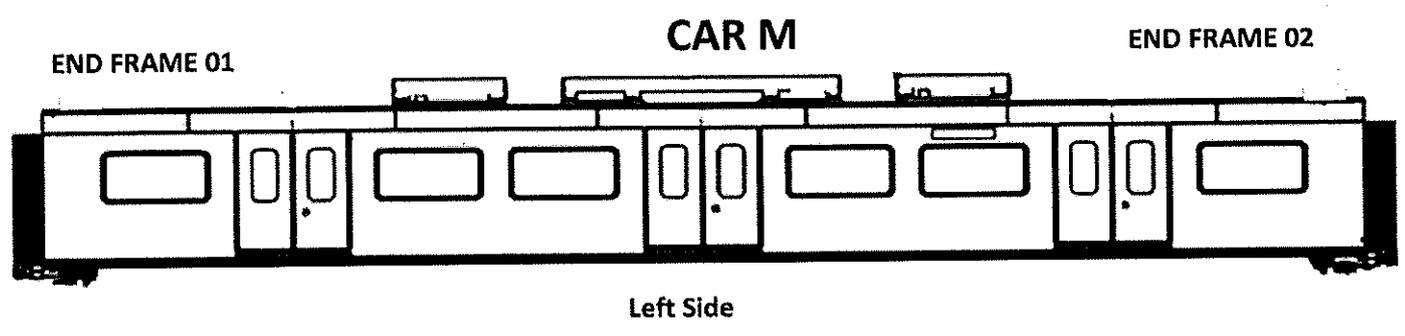
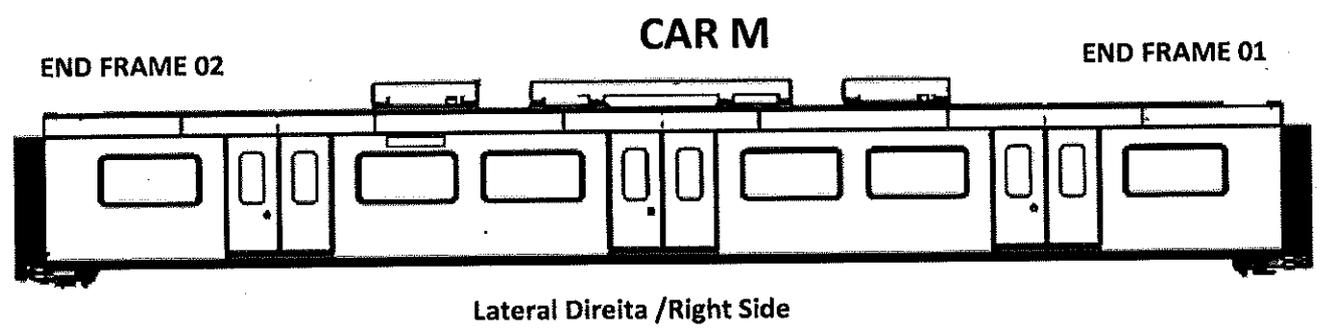
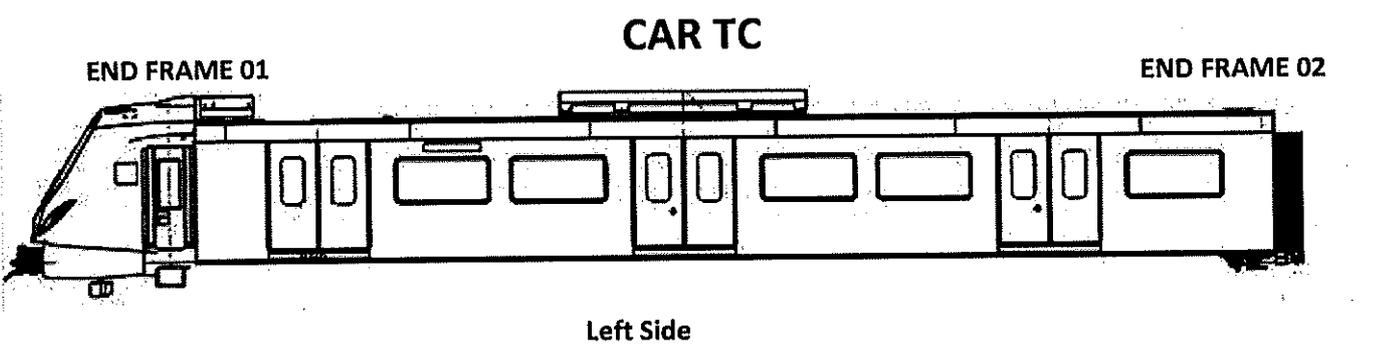
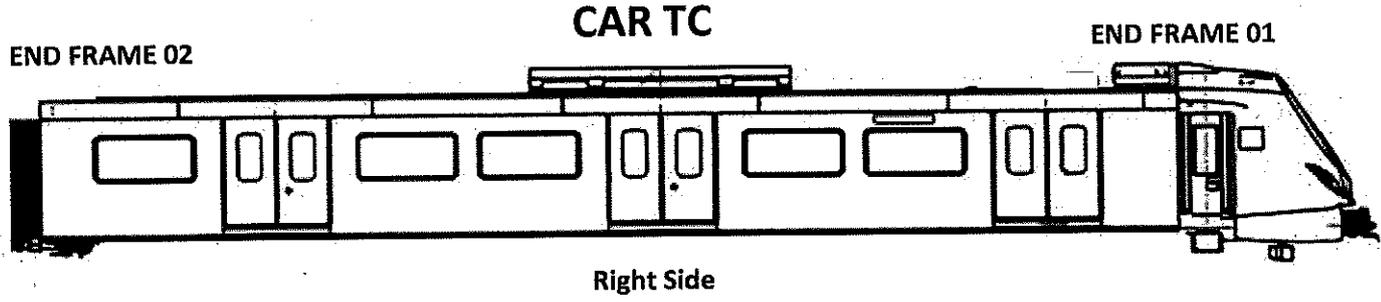
Project:  
PRASA

## SI.FT1040.22

| 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. | ✓ |   |   | <i>jk</i><br>15/05/24   |
|----|---|---|---|---|---|---|-------------------------|
| 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   | ✓ |   |   | <i>jk</i><br>15/05/24   |
| 05 | - | Hvac  | There must be no water leakage between the structure, supports, corrugation and drains  | ✓ |   |   | <i>jk</i><br>15/05/24   |
| 06 | - | Sidewall  | There must be no water leakage between the structure, window and doors  | ✓ |   |   | <i>jk</i><br>- 15/05/24 |
| 07 | - | Roof  | There must be no water leakage between the air extractor, corrugation, antennas and passage of cables   |   | ✓ | ✓ | <i>jk</i><br>15/05/24   |
| 08 | - | End frames  | There must be no water leakage between the end frame and gangway.   | ✓ |   |   | <i>jk</i><br>15/05/24   |

|  |   | <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 |                     |                   |                     |  | N/A |
| 10  | - | Windscreen                                    | There must be no water leakage between the Windscreen and the mask. |                     |                   |                     |  | N/A |

|  | <b>SELF INSPECTION<br/>INDUSTRIAL QUALITY</b> | Rev.<br>02                                 | Project:<br>PRASA | <b>SI.FT1040.22</b> |                |
|---|---|--|-------------------|---------------------|----------------|
|   |   | DATE-<br>2022/06/22                        |                   |                     |                |
| ITEM  | Nº Leaks                                      | Description Leaks and correction of action | OK                |                     | Signature/Date |
| 11  |   |  |                   |                     |                |
|   |   |  |                   |                     |                |
|   |   |  |                   |                     |                |
|   |   |  |                   |                     |                |



**TC**

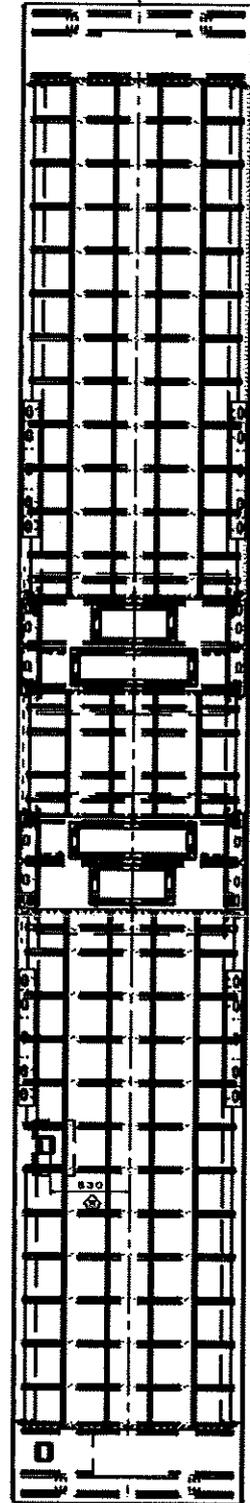
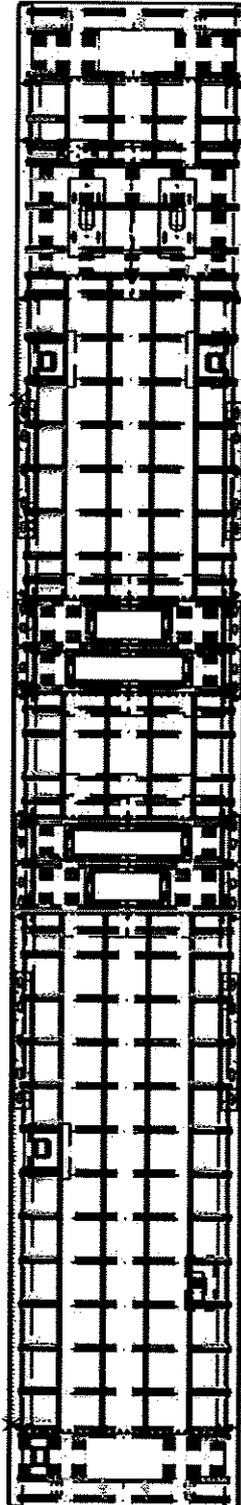
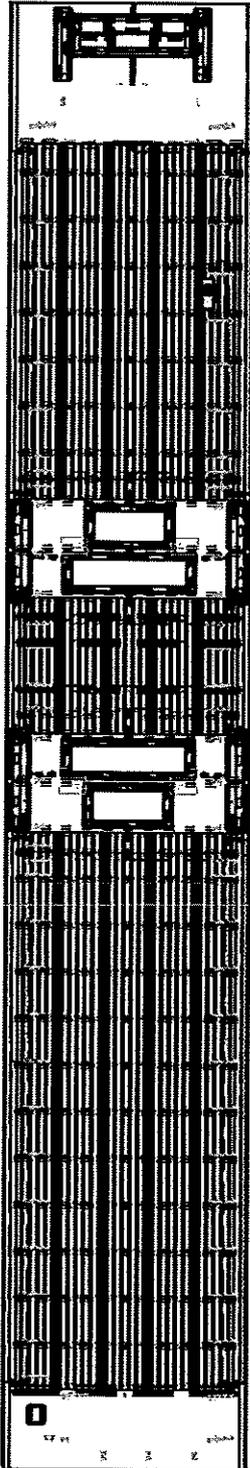
**M1 and M2**

**M3 and M4**

END 1

END 1

END 1



END 2

END 2

END 2

| Item | Description of the Issue | Signature/Date |
|------|--------------------------|----------------|
|      |                          |                |
|      |                          |                |





# SELF INSPECTION INDUSTRIAL QUALITY

Rev. 02  
DATE- 2022/06/22

Project: PRASA

SI.FT1040.22

## Self Inspection - Final Result

| Is the car good to advance to the next workstation? (Required the approval of EPU Manager and Quality Control) |     |  |   | DATE       | NAME                          | SIGNATURE |
|--|-----|--|---|------------|-------------------------------|-----------|
| HOLD POINT   | NO  | If activities are not complete, the missing activities must not impact the next stage!                                 |   | 16/05/24   | Operations Manager<br>Thawo   |           |
|  |     |  | (Every auto inspection performed conforms to specification or in case of divergence the same is approved by the competent party.) | 16/05/2024 | Industrial Quality<br>Michael |           |
|  | YES | There are activities pendings that impact/stop the activities of the next process<br>Obs: (To describe problems below) |   | 16/05/24   | Operations Manager<br>Thawo   |           |
|  |     |  | There are non-conformities impact the quality of the product and there is no corrective action defined yet)                       | 16/05/2024 | Industrial Quality<br>Michael |           |

In case of "NO GO", describe blocking problems  
 Roof leak - CBS to contain

In case of "NO GO", the operations manager must define below action plan to ensure "GO":

| Item | Description | Action | Responsible | Due Date | Status |
|------|-------------|--------|-------------|----------|--------|
|      |             |        |             |          |        |
|      |             |        |             |          |        |
|      |             |        |             |          |        |

Operations Manager/ Team Leader

Quality Manager/ Team Leader