

### Scope and Purpose

- a) This document will address readiness with respect to Works Test Certificate.
- b) The Review Recorder will be responsible for documenting the information gathered at the readiness review meeting to produce this document.
- c) Please complete this checklist during the Works Test Certificate Readiness Review to verify all preparatory work has been completed and all requirements specified under Clause 6 (Testing) of the Agreement have been complied with to allow the Company to issue a Works Test Certificate with respect to this New Train.

**The Works Test Certificate Readiness Review is conducted to determine if the New Train under review is ready to advance to the Delivery Readiness Review Phase by deciding whether the activities are complete and verifying their compliance with the requirements of the Agreement.**

|                            |            |
|----------------------------|------------|
| Review Date:               | 27/09/2024 |
| Scheduled Acceptance Date: | 31/10/2024 |

| Works Test Certificate Readiness Review Checklist - Activity Description |                                                       |         |                     |    |     |                                                                                           |
|--------------------------------------------------------------------------|-------------------------------------------------------|---------|---------------------|----|-----|-------------------------------------------------------------------------------------------|
| Category                                                                 | Description                                           | Outcome |                     |    |     | Evidence                                                                                  |
|                                                                          |                                                       | Yes     | Yes with conditions | No | N/A |                                                                                           |
| Works Tests                                                              | Have all the Works Tests been successfully completed? |         | ✓                   |    |     | Document Transmittal GIB-PRA-MSA-T002545. Please refer to Appendix A for further details. |

# WORKS TEST CERTIFICATE READINESS REVIEW

## EM 01 20 247

| Works Test Certificate Readiness Review Checklist - Activity Description |                                                                                                                                  |         |                     |    |     |                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|---------------------|----|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Category                                                                 | Description                                                                                                                      | Outcome |                     |    |     | Evidence                                                                                                                                                                                                                                                                         |
|                                                                          |                                                                                                                                  | Yes     | Yes with conditions | No | N/A |                                                                                                                                                                                                                                                                                  |
| Responsibility Matrix                                                    | Has each party performed its obligations set out in the Responsibility Matrix applicable to and/or necessary for valid Delivery? | ✓       |                     |    |     | The obligations referenced under items 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 23, 24, 25, 26, 27, 30, 31, 34, 35, 38, 39, 46, 47, 48, 51, 52, 54, 57, 58, 59, 62, 63, 66, 67, 68, 71 & 72 of the Responsibility Matrix, Schedule 11 of the MSA, have been performed. |

|                                                                                                                                                                                                  |                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Signed by the Project Manager's Representative on behalf of the Company</b></p> <p>Name <u>Nick Tompkins</u></p> <p>Signature <u>Nick Tompkins</u></p> <p>Date <u>October 03, 2024</u></p> | <p><b>Signed by the Engineers Representative on behalf of the Contractor</b></p> <p>Name _____</p> <p>Signature _____</p> <p>Date _____</p> |
| <p>By signing this document I agree that the New Train, the subject of this review, is eligible to receive a Works Test Certificate.</p>                                                         |                                                                                                                                             |

## **Appendix A**

### **Works Tests Completion**

The scope of the Works Tests (Type and Routine) is specified in the following:

- Part 8 (Testing) of Schedule 3 (Agreement Management) of the Manufacture and Supply Agreement (the MSA);
- Test Programme reference GIB0000000009 Version F0.

Type Test:

- EM 01 20 247 is functionally the same as the Metro 3kV trains manufactured in Lapa (EM 01 00 03 to EM 01 00 20) i.e. no new design, therefore no new type tests at train level required.

Routine Test:

- Test Reports provided to the Company undercover document Transmittal GIB-PRA-MSA-T002546.

The Engineer of the Contractor confirms that the Works Tests related to the New Train EM 01 20 247 have been successfully completed, except for:

- EVC Communication error; current containment is to reset ERTMS on the DDU to clear the fault, and
- TC1 Wiper low water pressure while spraying.

#### **Supporting documentation:**

- Test Programme, reference GIB0000000009 Version F0.