

WORKS TEST CERTIFICATE READINESS REVIEW EM 01 20 236



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 req	uirements of the	
Agreement.		
Review Date:	26/07/2024	
Scheduled Acceptance Date:	31/08/2024	

Works Test Certificate Readiness Review Checklist - Activity Description						
			Outcome			
Category	Description	Yes	Yes with conditions	No	N/A	Evidence
Works Tests	Have all the Works Tests been successfully completed?		✓			Document Transmittal GIB- PRA-MSA-T002495. Please refer to Appendix A for further details.



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Works Test Certificate Readiness Review Checklist - Activity Description						
		Outcome				
			Yes with			
Category	Description	Yes	conditions	No	N/A	Evidence
Responsibility Matrix	Has each party performed its obligations set out	√				The obligations referenced
	in the Responsibility Matrix applicable to and/or	•				under items 5, 6, 7, 8, 9, 10,
	necessary for valid Delivery?					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.

Signed by the Project Manager's Representative on behalf of the Company	Signed by the Engineers Representative on behalf of the Contractor			
Name	Name			
Signature	Signature			
Date	Date			
By signing this document I agree that the New Train, the subject of this review, is eligible to receive a Works Test Certificate.				



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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 GIB000000009 Version FO.

Type Test:

• EM 01 20 236 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-T002495.

The Engineer of the Contractor confirms that the Works Tests related to the New Train EM 01 20 236 have been successfully completed, except for:

- EVC Communication error; current containment is to reset ERTMS on the DDU to clear the fault, and
- Wiper controller module is outstanding on both TC1 and TC2; replacement to be applied in Wolmerton.

Supporting documentation:

• Test Programme, reference GIB000000009 Version F0