

Scope and Purpose

- a) This document will address readiness with respect to Delivery.
- 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 Delivery Readiness Review to verify all preparatory work has been completed and all requirements specified under Clause 6.5 (Delivery) of the Agreement have been complied with to allow the Company to issue a Delivery Certificate with respect to this New Train.

The Delivery Readiness Review is conducted to determine if the New Train under review is ready to advance to the Acceptance Tests Review Phase by deciding whether the activities are complete and verifying their compliance with the requirements of the Agreement.	
Review Date:	07/08/2024
Scheduled Acceptance Date:	30/09/2024

Delivery Readiness Review Checklist - Activity Description						
Category	Description	Outcome				Evidence
		Yes	Yes with conditions	No	N/A	
Design Review	Has the Design Review been completed to the satisfaction of the Project Manager?	✓				Please refer to Appendix A attached for further details.
Works Tests	Have all the Works Tests been successfully completed and a Works Test Certificate issued?		✓			Please refer to Appendix E attached for further details.
Specification	Does the New Train comply, in all material respects, with the Specification, save for minor defects as agreed between the Company and the Contractor and which the Contractor undertakes to rectify prior to Provisional Acceptance?	✓				Please refer to Appendix D attached for further details.

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DELIVERY READINESS REVIEW

EM 01 20 237

Delivery Readiness Review Checklist - Activity Description						
Category	Description	Outcome				Evidence
		Yes	Yes with conditions	No	N/A	
Quality Assurance	Have all stage inspections listed in the Quality Assurance Plan been carried out and correctly witnessed?	✓				All stage inspections, pursuant to clause 7.2.4 of the Quality Assurance Plan, are listed with associated evidences, in the EM 01 20 236 Data Book.
Necessary Consents	Have all Necessary Consents to carry out the required on-track testing of that New Train, including for the first of each train type, the on-track Type Tests (under and as defined in paragraph 5.2 of Part 8 (Testing) of Schedule 3 (Agreement Management), been obtained?	✓				The applicable Necessary Consents are the: • The authority to access the lines ("YQ"); and • RSR No-Objection for testing & commissioning (limited to 120km/hr). These documents are referenced to the Appendix C.
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.

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Signed by the Project Manager's Representative on behalf of the Company	Signed by the Engineers Representative on behalf of the Contractor
Name <u>Nick Tompkins</u>	Name <u>Devendran Govender</u>
Signature <u>Nick Tompkins</u>	Signature <u>Devendran Govender</u>
Date <u>September 09, 2024</u>	Date <u>September 09, 2024</u>
By signing this document, I agree that the New Train, the subject of this review is eligible to receive a Delivery Certificate.	

Appendix A

Design Review Completion

The scope of the Design Review is specified in the following:

- Part 5 (Management Communications/Meetings) of Schedule 3 (Agreement Management) of the Manufacture and Supply Agreement (the MSA);
- Part 6 (Design Process) of Schedule 3 (Agreement Management) of the MSA.

Design Review Process:

1. Seven stage Design Review Process was undertaken between May 2014 and September 2016. The Critical Gate Review (design freeze) was confirmed by the Project Manager with letter PRA-GIB-MSA-0041 dated 24 October 2014 and in subsequent Design Freezes as may be confirmed by the Project Manager from time to time.
2. The Design Review Register (DRR) records all agreed subsequent minor changes.
3. The New Train, subject of this confirmation, is EM 01 20 237.
4. EM01 20 237 is built to Design Baseline 10.3.1 with minor design changes as agreed in GIB-PRA-MSA-001741 dated 22nd March 2022.

Supporting documents:

- Design Review Register, version EH0
- Design Review Open Items List, version EP0

Appendix B

Compliance with the Specification

The Project Manager of the Company confirms that the New Train EM 01 20 237 complies, in all material respects, with the Specification:

- Schedule 17(Specification) of the MSA;
- List of applicable standards, document reference “DTD0000496779_CO_PRASA_List of Applicable Standards_EN.pdf”; and
- Accepted derogations as listed hereafter and submitted to RSR for concurrence:
 - Fire & Smoke Secondary Suspension;
 - Fire & Smoke UHF Radio;
 - Fire & Smoke Electronics & Electrical components;
 - Fire & Smoke Performance of Floor Assembly;
 - Derogations against the South African National Standard SANS 10383-1:2003 as listed in the Design Scrutiny #09 submitted by PRASA to RSR;
 - Headlights.

Save for the following minor defects:

- Minor defects identified and agreed between the Company and the Contractor during the PC10 quality inspection held on 30 July 2024 and which the Contractor undertakes to rectify prior to Provisional Acceptance:

Item	Description of Defects	Action Required
1	GIB0000000380 ver A1_Defects Report for TS237 PC10	Refer to Appendix D for further details

- Open items of the Design Review Open Items List and the Design Review Register as included in Appendix A.

None of these minor defects prevent the Delivery of the New Train EM 01 20 237.

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Appendix C

Necessary Consents

YQ related to the movement of the New Train from Dunnottar to Wolmerton	YQ for Running of Diesel Locomotives from Braamfontein Yard to Dunnottar. YQ related to the movement of the EMU from Dunnottar to Wolmerton Yard.	YQ PEMU067 PRASA EMU Wagons
YQ, related to the testing on the de Wildt line under a "full occupation" conditions	YQ for PRASA NEW TRAIN TESTING DE WILDT LINE.	3016 EMU HIGH SPEED TESTING DE WILDT CORRIDOR 02 JAN-31 DEC 2024
RSR No-Objection certificate for testing & commissioning	PRA-GIB-MSA-0232	PRA-GIB-MSA-0232 Letter of No Objection

To: AS PER E-MAIL



From: Train Network Planning, NCC

Inyanda House 1
21 Wellington Road
Parktown

YQ No. **PEMU067**

Code **"NCC"**

Date: 07 August 2024

Subject: -

HAULAGE OF PRASA-EMU Wagons TS#237 & TS#238

Sections: -

DUNNOTTAR TO WOLMERTON

AUTHORITY HAS BEEN GRANTED FOR THE HAULAGE OF Special EMU Coaches
OVER THE SECTIONS MENTIONED ABOVE:

Mon 19-Aug-2024

TRAIN NO. 90 7901/2

<u>SECTION</u>	<u>ARRIVE</u>	<u>DEPART</u>	<u>Remarks</u>
Springs Yard		10:00	SPR Crew. Shunt car coupled to 15 Empty wagons
Dunnottar	11:00	13:30	Shunting + Brake Test
Springs Yard	14:30		Change Locos to 44D + Shut Down

Tue 20-Aug-2024

TRAIN NO. 90 7901/2

<u>SECTION</u>	<u>ARRIVE</u>	<u>DEPART</u>	<u>Remarks</u>
Springs Yard		08:00	STQ Crew
Sentrarand		09:07	
Wolmerton	10:34	11:24	Return resources back to SPR.
Springs	#REF!		
(See detailed Point to Point Running Times)			

Consist:

Haulage Locomotives

12 (twelve) x PRASA EMU Coaches

10 - 15 x SMLJ empty and fully roadworthy airbrake wagons for braking purposes.

Fully functional Telemeter at the rear of the train.

Conditions:

Speed not exceeding 60 km/h to be observed throughout the journey

EMU Wagons travel DAY and NIGHT.

This Notice must be handed out as ruled in Clause 1055 Of General Appendix No. 6 (Part 1).

**NB! IN CASE OF ANY EMERGENCY, DEVIATION OR INCIDENT THE DUTY MANAGER
SHOULD BE CALLED AT 011 544 9094 / 011 544 9099**

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Appendix D

Defects Report for TS237 PC10

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Train #	237	TS #	EM 01 20 237	TC1	M1	M2	M3	M4	Process Stage	PC10	Inspector	PRASA and GIBELA	Date	2024/07/31	Page	1 of 1
Item	Defect Class	Defect Description								Location Interior, underframe, roof etc	End [1] or Left [L] or Right [R]	Side [L] or Right [R]	Action Required (Ready to fix/Part needed/ NCR/ Work instruction required for special process report)	Dep Pme Ops Warehouse Design/ SO A	GIBELA Sign-off	PRASA Sign-off
Quality Defects																
1	C	Top end lining P15 has scratches, M2 end 2 and M3 end 1								INT	1+2	C	NCR	OPS		
2	C	Lower body polishing outstanding								UF	1+2	L+R	RTF	GSD		
Trailing Defects																
1	B	TC1 Service brake light switches on/off when direction switch is activated								INT	1	C	RTF	Webpac		
Engineering Defects																
1	C	Traction motor cables too close to axle: M2 Axle 4 M1 Axle 1								U/F	2	C	As Per DPM Discussion	ENG		
2	C	1/4 windows screws has discoloration								EXT	1+2	L+R	As Per DPM Discussion	ENG		
Quality Defects																
1	C	TC1 LV7 cubicle side cover has a big gap								INT	2	L	NCR	BFG		
Date 2023/09/11																
GIBELA GIB0000000390 Rev A1 Defects Report 30/05/2022 47579085																



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Appendix E

Works Test Certificate

Not available at Delivery Readiness Review.